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U.S. Department  
of Transportation

Federal Highway  
Administration

Highway Safety Performance-1984

# Fatal and Injury Accident Rates on Public Roads in the United States

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January 1986

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Prepared by the Offices of  
Highway Safety and Highway  
Information Management

A report of the Secretary of  
Transportation to the United  
States Congress pursuant to  
Section 207 of the Surface  
Transportation Assistance Act of  
1982 (P.L. 97-424)

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

HIGHWAY SAFETY PERFORMANCE - 1984

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Roads in the United States

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U.S. DEPARTMENT OF TRANSPORTATION  
Federal Highway Administration  
Washington, D.C. 20590

## FOREWORD

This report was prepared pursuant to Section 207 of the Surface Transportation Assistance Act of 1982 (P.L. 97-424) which reads as follows:

Sec. 207. The Secretary of Transportation shall prepare, publish, and submit to Congress not later than December 31 of each calendar year beginning after December 31, 1982, a report on the highway safety performance of each State in the preceding calendar year. Such report shall provide data on highway fatalities and injuries and motor vehicle accidents involving fatalities and injuries and travel in urban areas of each State for each system of highways and in rural areas of such State for each system of highways. Such report shall be in such form and contain such other information on highway accidents as will permit an evaluation and comparison of highway safety performance of the States. For purposes of this section (1) the systems of highways in a State are the Federal-aid primary system, the Federal-aid secondary system, the Federal-aid urban system, and the Interstate System (as such terms are defined in section 101 of Title 23, United States Code) and the other highways in such State which are not on the Federal-aid system, and (2) the terms "State," "rural areas," and "urban area" have the meaning such terms have under such section 101.

This is the third report to Congress under Section 207. The reports contain an extension of a series of statistical data published annually since 1967 by the Federal Highway Administration (FHWA) as "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems." The series has been a cooperative effort of the FHWA's Offices of Traffic Operations, Highway Safety, and Highway Information Management. The Office of Highway Information Management is the former Office of Highway Planning, Highway Statistics Division. The States have provided the data for this series through the Highway Performance Monitoring System (HPMS), and its predecessors, administered by the Office of Highway Information Management. Data from the Fatal Accident Reporting System (FARS) administered by the National Highway Traffic Safety Administration (NHTSA) have been used to verify and supplement the HPMS data.

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## SECTION I--INTRODUCTION

## A. Purpose of Report

In response to the Congressional direction given in the Surface Transportation Assistance Act of 1982, this report provides motor vehicle traffic accident data which may be used, together with other relevant information, in evaluating and comparing the highway safety performance of the States. It is not the purpose of this report to present either a detailed analysis of the data or a completed evaluation or comparison of State highway safety performance. The text of the report is primarily technical detail and background information which may assist those who analyze or interpret the statistical tables and graphs.

## B. Terminology

It is customary, when drafting legislation, to begin with definitions. These serve to introduce terms which are not in common use and to clarify the intended meaning of familiar terms which may be ambiguous. Interpretation of laws is greatly facilitated by the use of carefully defined terminology. Similarly, the interpretation of statistics is dependent upon an understanding of the terminology used in the collection and processing of the data. Such an understanding is particularly important when statistics from two or more sources are combined or compared. For this reason, an explanation of pertinent terminology precedes the statistical data in this report.

The two primary sources for the definitions which follow are Section 101 of Title 23 of the United States Code and the Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16.1-1976). It should be recognized that the accident data in this report have been collected and processed by thousands of persons in State and local agencies and that deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

A motor vehicle traffic accident is an accident involving a motor vehicle in use within the right-of-way or other boundaries of a trafficway open for the use of the public.

An injury is any bodily harm received by a person in a motor vehicle traffic accident.

A fatal injury is any injury that results in death.

A nonfatal injury is any injury other than a fatal injury.

A fatal accident is a motor vehicle traffic accident resulting in one or more fatal injuries.

A nonfatal injury accident is a motor vehicle traffic accident that results in one or more injuries, but no fatal injuries.

A fatality is the death of any person who suffers a fatal injury. For its statistics on motor vehicle traffic fatalities, the Department of Transportation uses a 30-day counting rule, including only those deaths which occur within 30 days of the fatal injury. Approximately two percent of traffic fatalities occur later.

A nonfatally injured person is one who suffers a nonfatal injury in either a fatal accident or a nonfatal injury accident.

Vehicle miles are the miles of travel by all types of motor vehicles, as determined by the State highway departments on the basis of actual traffic counts and established estimating procedures.

The fatal accident rate, nonfatal injury accident rate, fatality rate, and nonfatal injury rate are, respectively, the number of fatal accidents, nonfatal injury accidents, fatalities, and nonfatally injured persons per 100 million vehicle miles of travel.

An urban highway is any road or street within the boundaries of an urban area. An urban area is an area including and adjacent to a municipality or urban place with 5,000 or more population. The boundaries of urban areas are fixed by the State highway departments, subject to the approval of the Federal Highway Administration, for purposes of the Federal-Aid highway program.

A rural highway is any road or street which is not an urban highway.

Travel density is the average number of vehicle-miles driven on a section of highway each day divided by the length of the section in miles. It is expressed as a number of vehicles and may be referred to as average daily traffic (ADT).

The provisional rate-density relationship is the relationship between fatality rates and average daily traffic. It is based on data for the 4-year period preceding the calendar year for which detailed data are reported. It is labelled "provisional" to make it clear that it is to be used as a guide rather than a standard. A provisional rate-density relationship may be described graphically or mathematically by a rate-density curve.

A provisional range for a given period of time is based on a provisional rate-density relationship and the volume of travel. The provisional range indicates--for an appropriate volume of travel--the amount of deviation from fatality rates on a rate-density curve which might be expected if the deviation were random.

The characteristics of the functional classes of highways referred to in this compilation of statistical data are briefly described as follows:

Arterial highways serve major traffic movements or major traffic corridors. While they may provide access to abutting land, their primary function is to serve traffic moving through the area.

Local highways are those roads and streets whose principal function is to provide direct access to abutting land.

Collector highways are those highways which link local highways to arterial highways.

The characteristics of the several Federal-aid highway systems referred to in this report are briefly described as follows:

Federal-Aid Primary, Secondary, and Urban highway systems are those for which Federal-Aid highway matching funds may be spent by the State.

The Federal-Aid Primary system is a system of connected main roads important to interstate, statewide, and regional travel, consisting of rural arterial routes and their extensions into or through urban areas.

The Interstate System is a part of the Federal-Aid Primary system. It is a system of freeways (i.e., expressways with fully controlled access) connecting and serving the principal cities of the United States.

The Federal-Aid Secondary system consists of rural major collector routes.

The Federal-Aid Urban system consists of urban arterial and collector routes, exclusive of urban extensions of the Federal-Aid Primary system.

The fatality statistics in this report differ somewhat from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day counting rule.<sup>1/</sup> Under this rule, deaths resulting from an accident are counted only if they occur within 30 days of the accident. Traffic fatalities are listed by the time and place of the fatal accident. Similar statistics published by the National Center for Health Statistics (NCHS) are listed by the time of death and place of residence of the deceased, using a 12-month counting rule. If a New York resident died on January 10, 1982, as a result of a December 27, 1981, accident in Vermont, the death would be reported as a

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<sup>1/</sup> Federal Highway Administration/National Highway Traffic Safety Administration; "Highway Fatality Counting Rule"; Federal Register, Volume 43, No. 191; pp. 45486-45487; October 2, 1978.



1982 New York traffic fatality by the National Center for Health Statistics and as a 1981 Vermont fatality by the Department of Transportation; if the death had not occurred until January 29--more than 30 days after the accident--it would have been included in NCHS reports for 1982 but not in DOT reports for any year.

Another difference in the reporting of fatalities which result from motor vehicle accidents is the treatment of deaths resulting from nontraffic accidents. Examples of motor vehicle nontraffic accidents are those which occur in the driveways of private homes or in other locations outside the rights-of-way or other boundaries of roads which are open for public use. Annual motor vehicle fatality figures for the United States reported by NCHS and the National Safety Council (NSC) generally include about a thousand nontraffic fatalities--deaths which are not included in DOT reports.

The number of nonfatally injured persons is also counted in a variety of ways. In this publication the number of injured persons is the number reported by police. The NSC, for comparability with injuries from industrial and other accidents, reports the number of persons disabled beyond the day of the accident. Another approach is taken in the National Health Survey by the Bureau of Census. In the National Health Survey, the estimated number of injuries is based on responses to household interviews. National Health Survey injury figures tend to be about twice as high as those reported by NSC. The police-reported figures used in this publication are midway between the others.

#### C. Highway Safety Performance in 1984

The traffic accident statistics for 1984 show an increase of more than 1,700 fatalities, as compared to 1983. As a result of this increase and an increase in the vehicle-miles of travel, the fatality rate per 100 million vehicle-miles of travel remained at 2.58, maintaining the record low set in 1983.

Table 1 contains travel and accident data by highway system for the United States. It is a summary of the detailed data contained in Tables 2 through 6. Estimates have been included where data reported by the States were incomplete. Only five states--Maryland, Massachusetts, New Mexico, North Carolina and Rhode Island--failed to submit complete data. This is a reduction of 50 percent over the 1983 submissions. The data permit comparison of numbers and rates (per 100 million vehicle-miles) for accidents and casualties on Federal-aid and other highway systems. Note that fatality rates are substantially lower on the Interstate System than on any other highway system and that about one-fifth of all highway travel in the United States occurs on the Interstate System.

Table 2 contains a summary of travel and accident data by State. In addition to data which are presented in greater detail in Tables 3 through 6, Table 2 includes pedestrian data. The number of pedestrians injured, fatally or nonfatally, are reported for each State together with pedestrian injury rates.

TABLE 1. U.S. VEHICLE-MILE RATES BY HIGHWAY SYSTEM - 1984<sup>1</sup>

HIGHWAY SYSTEM	HIGHWAY MILES <sup>2/</sup>	VEHICLE MILES (MILLIONS) <sup>2/</sup>	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS <sup>4/</sup>		FATALITIES		NONFATAL INJURED PERSONS <sup>4/</sup>	
				NUMBER	RATE <sup>3/</sup>	NUMBER	RATE <sup>3/</sup>	NUMBER	RATE <sup>3/</sup>	NUMBER	RATE <sup>3/</sup>
INTERSTATE (ARTERIAL)											
RURAL	32,676	148,542	12,421	1,837	1.24	37,089	24.97	2,140	1.44	58,334	39.27
URBAN	10,615	203,572	52,398	1,897	0.93	97,243	47.77	2,131	1.05	144,730	71.10
TOTAL	43,291	352,114	22,223	3,734	1.06	134,341	38.15	4,271	1.21	203,064	57.67
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	224,868	276,711	3,362	8,557	3.09	197,097	71.23	10,073	3.64	326,924	118.15
URBAN	31,859	229,955	19,721	3,902	1.70	287,640	125.09	4,266	1.86	437,045	190.06
TOTAL	256,727	506,666	5,392	12,459	2.46	484,737	95.67	14,339	2.83	763,969	150.78
FEDERAL-AID URBAN											
ARTERIAL	86,129	306,449	9,721	7,078	2.31	542,964	177.18	7,623	2.49	814,467	255.78
COLLECTOR	54,363	67,934	3,414	1,385	2.04	113,309	166.79	1,507	2.22	160,983	236.82
TOTAL (ALL URBAN)	140,492	374,383	7,291	8,463	2.26	656,273	175.29	9,130	2.44	975,350	260.52
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	397,796	151,609	1,041	5,573	3.68	151,047	99.63	6,294	4.15	234,384	154.60
NON-FEDERAL-AID ARTERIAL											
RURAL	2,753	3,959	3,929	124	3.13	2,418	61.08	155	3.92	4,372	110.43
URBAN	8,356	23,485	7,679	589	2.51	19,425	82.71	638	2.72	29,602	126.05
TOTAL	11,109	27,444	6,750	713	2.60	21,843	79.59	793	2.89	33,974	123.79
NON-FEDERAL-AID COLLECTOR											
RURAL	333,815	51,994	426	1,688	3.25	71,090	136.73	1,869	3.59	111,021	213.53
URBAN	19,653	19,855	2,760	339	1.71	20,376	102.62	362	1.82	29,707	149.62
TOTAL	353,468	71,849	555	2,027	2.82	91,466	127.30	2,231	3.11	140,728	195.87
NON-FEDERAL-AID LOCAL											
RURAL	2,226,188	86,034	106	3,839	4.46	191,118	222.14	4,293	4.99	276,263	321.11
URBAN	462,710	146,669	866	2,814	1.92	406,260	276.99	3,021	2.06	575,153	332.14
TOTAL	2,688,898	232,703	236	6,653	2.86	597,378	256.71	7,314	3.14	851,416	365.88
ALL FEDERAL-AID											
RURAL	655,340	576,862	2,405	15,967	2.77	385,242	66.78	18,507	3.21	619,642	107.42
URBAN	182,966	807,910	12,065	14,262	1.77	1,041,156	128.87	15,527	1.92	1,557,325	192.73
TOTAL	838,306	1,384,772	4,513	30,229	2.18	1,426,398	103.01	34,034	2.46	2,176,967	157.19
ALL NON-FEDERAL-AID											
RURAL	2,562,756	141,987	151	5,651	3.98	264,626	186.37	6,317	4.45	391,556	275.84
URBAN	490,719	190,009	1,058	3,742	1.97	446,061	234.76	4,021	2.12	634,462	333.91
TOTAL	3,053,475	331,996	297	9,393	2.83	710,687	214.06	10,338	3.11	1,026,018	309.08
NON-INTERSTATE											
RURAL	3,185,420	570,307	489	15,781	3.47	612,770	107.45	22,684	3.98	952,964	167.10
URBAN	663,070	794,347	3,273	16,107	2.03	1,389,974	174.98	17,417	2.19	2,046,957	257.68
TOTAL	3,848,490	1,364,654	969	35,888	2.63	2,002,744	146.76	40,101	2.94	2,999,921	219.82
TOTAL											
RURAL	3,218,096	718,849	610	21,618	3.01	649,868	90.40	24,824	3.45	1,011,298	140.68
URBAN	673,685	997,919	4,047	18,004	1.80	1,487,217	149.03	19,548	1.96	2,191,587	219.62
TOTAL	3,891,781	1,716,768	1,205	39,622	2.31	2,137,085	124.48	44,372	2.58	3,202,885	166.56

1/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES. TOGETHER WITH TOTALS REPORTED BY MOST STATES.  
2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1984. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1985 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREA-WISE SUMMARY TABLES AS OF SEPTEMBER 30, 1985. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.  
3/ RATES ARE PER 100 MILLION VEHICLE MILES.  
4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE ESTIMATED BY FHWA FOR MARYLAND, MASSACHUSETTS, NEW MEXICO, AND RHODE ISLAND.



TABLE 2. STATE ACCIDENT SUMMARY - 1984

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATAL INJURY PERSONS		FATALITY INJURED PEDESTRIANS		NONFATAL INJURED PEDESTRIANS	
			NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/	NUMBER	RATE 1/
ALABAMA	87,560	32,961	825	2.50	24,917	75.60	940	2.85	35,986	109.18	94	0.29	804	2.44
ALASKA	11,951	3,589	123	3.43	4,744	132.18	137	3.82	6,841	190.61	24	0.67	236	6.58
ARIZONA	76,137	20,613	787	3.82	36,576	177.44	869	3.86	57,592	279.40	178	0.86	1,393	6.76
ARKANSAS	77,045	16,621	461	2.77	18,502	111.32	512	3.08	29,922	180.03	59	0.35	399	2.40
CALIFORNIA	173,005	196,537	4,517	2.30	208,419	106.05	5,020	2.55	309,352	157.40	829	0.42	15,414	7.84
COLORADO	75,726	24,588	444	2.21	37,367	111.30	469	2.48	40,091	163.05	68	0.28	1,061	4.32
CONNECTICUT	19,579	21,076	533	2.05	34,377	163.11	659	2.23	48,378	223.54	70	0.33	1,698	8.06
DELAWARE	5,302	5,138	118	2.30	5,221	101.62	130	2.53	7,893	153.62	24	0.47	282	5.49
DIST. OF COL.	1,102	3,214	56	1.74	9,693	301.59	64	1.99	14,353	446.58	33	1.03	1,156	35.97
FLORIDA	98,984	85,475	2,547	2.58	129,199	151.15	2,952	3.45	202,377	236.77	631	0.74	7,365	8.62
GEORGIA	105,532	50,486	1,259	2.49	47,890	125.12	1,411	2.79	63,167	125.12	195	0.39	1,698	8.06
HAWAII	4,057	6,505	127	1.95	8,613	132.41	136	2.09	12,389	190.45	24	0.37	707	10.87
IDAH0	58,616	7,768	215	2.77	7,549	97.18	242	3.12	11,547	148.65	16	0.21	226	2.91
ILLINOIS	134,682	69,010	1,384	1.98	116,627	166.82	1,546	2.21	174,009	248.90	304	0.43	10,203	14.59
INDIANA	91,567	41,074	838	2.04	46,006	112.01	925	2.25	69,595	165.44	102	0.25	1,931	4.70
IOWA	112,938	20,497	376	1.83	19,378	94.54	420	2.05	27,668	135.96	41	0.20	877	4.28
KANSAS	132,207	18,717	452	2.41	21,599	115.40	510	2.72	32,312	172.63	44	0.24	714	3.81
KENTUCKY	69,339	27,951	674	2.41	25,612	105.94	754	2.72	44,090	157.74	78	0.28	1,518	5.43
LOUISIANA	58,123	31,588	844	2.97	45,117	142.83	911	3.04	74,601	236.17	143	0.45	1,785	5.65
MAINE	21,938	9,345	207	2.22	10,760	115.14	227	2.43	15,329	166.17	26	0.28	442	4.73
MARYLAND	27,425	31,702	588	1.85	3,702	4.70	613	2.03	3,702	4.70	3/	4/	3/	4/
MASSACHUSETTS	33,794	38,537	608	1.98	100,710	158.67	656	1.73	150,740	237.50	227	0.37	4,354	6.86
MICHIGAN	117,543	63,470	1,366	2.15	27,165	85.35	1,582	2.40	35,405	123.81	55	0.17	1,354	4.25
MINNESOTA	131,955	31,826	517	1.62	10,760	115.14	227	2.43	15,329	166.17	26	0.28	442	4.73
MISSISSIPPI	71,280	18,442	595	3.23	9,958	54.00	680	3.69	15,573	84.44	51	0.33	475	2.58
MISSOURI	118,887	38,535	843	2.13	42,644	110.66	968	2.51	166,271	426.71	117	0.30	2,213	5.74
MONTANA	71,486	7,386	204	2.76	6,206	84.02	238	3.22	9,361	126.74	10	0.14	301	4.08
NEBRASKA	91,964	11,968	250	2.09	13,322	111.31	285	2.38	20,000	167.11	28	0.23	649	5.42
NEVADA	43,825	7,332	215	2.93	8,122	110.77	249	3.40	12,169	165.97	34	0.46	578	7.88
NEW HAMPSHIRE	14,517	7,294	173	2.37	6,916	94.82	193	2.65	11,996	164.46	20	0.27	292	4.00
NEW JERSEY	33,879	52,312	864	1.65	70,455	134.68	927	1.77	105,184	201.07	255	0.49	5,731	10.96
NEW MEXICO	54,127	12,432	426	3.43	3,43	4.00	497	4.00	3,43	4.00	3/	4/	3/	4/
NEW YORK	109,880	87,268	1,881	2.16	180,867	207.25	2,054	2.35	266,359	305.22	554	0.63	21,175	24.26
NORTH CAROLINA	92,720	48,182	1,291	2.68	61,356	127.34	1,446	3.00	97,058	201.44	287	0.60	3,116	6.47
NORTH DAKOTA	85,967	5,377	87	1.62	3,631	67.53	99	1.84	5,404	100.50	11	0.20	210	2.10
OHIO	111,789	74,895	1,478	1.97	112,356	150.02	1,644	2.20	176,435	235.58	200	0.27	4,852	6.48
OKLAHOMA	110,211	30,981	704	2.27	22,361	72.18	808	2.61	33,166	107.05	86	0.28	746	2.41
OREGON	134,922	20,943	511	2.44	22,597	107.90	571	2.73	36,123	172.48	72	0.34	1,434	4.20
PENNSYLVANIA	115,879	74,297	1,560	2.10	90,410	121.69	1,723	2.32	134,743	181.36	300	0.40	6,975	9.39
RHODE ISLAND	6,275	5,300	2/	1.42	3/	4/	79	1.49	3/	4/	3/	4/	3/	4/
SOUTH CAROLINA	63,339	25,971	822	3.17	18,927	72.88	915	3.52	28,135	108.33	132	0.51	1,144	4.40
SOUTH DAKOTA	73,997	6,401	132	2.06	4,269	66.69	143	2.23	6,119	95.59	14	0.22	139	2.17
TENNESSEE	84,109	36,523	990	2.71	39,868	109.16	1,095	3.00	57,380	157.11	132	0.36	2,015	5.52
TEXAS	278,803	137,737	3,465	2.52	145,543	105.67	3,912	2.84	220,720	160.25	615	0.45	6,064	4.40
UTAH	48,364	11,661	274	2.35	13,477	115.57	315	2.70	20,487	175.69	52	0.45	1,434	12.30
VERMONT	14,008	4,403	99	2.25	4,054	92.07	115	2.61	5,935	134.79	12	0.27	177	4.02
VIRGINIA	65,335	44,527	923	2.07	51,794	116.32	1,014	2.28	74,865	168.13	159	0.36	1,879	4.22
WASHINGTON	80,719	34,248	641	1.87	42,076	122.86	713	2.08	61,366	179.18	94	0.27	1,621	4.73
WEST VIRGINIA	34,986	12,671	396	3.13	16,836	132.87	447	3.53	25,779	203.45	47	0.37	770	6.08
WISCONSIN	108,350	35,367	716	2.02	40,238	113.71	834	2.36	58,572	165.61	95	0.27	2,177	6.16
WYOMING	38,194	5,127	141	2.75	3,750	73.14	158	3.08	5,742	112.00	3	0.06	146	2.85
SUM 5/	3,891,781	1,716,768	39,622	2.31	2,012,073	123.53	44,372	2.58	3,020,979	185.47	6,665	0.41	120,821	7.42
U. S. TOTAL 6/	3,891,781	1,716,768	39,622	2.31	2,137,085	124.48	44,372	2.58	3,202,885	186.56	7,040	0.41	127,390	7.42

1/ PER 100 MILLION VEHICLE MILES.  
2/ STATE'S TOTAL NOT SUBMITTED THROUGH HPMS: FARS DATA USED.  
3/ DATA NOT REPORTED BY STATE.  
4/ RATE CAN NOT BE COMPUTED.  
5/ U.S. ESTIMATES ARE SHOWN ON PAGE 5. THE SUM REFLECTS THE TOTAL OF DATA SHOWN IN THIS TABLE. SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT.  
6/ U.S. ESTIMATES OF FATAL ACCIDENTS AND FATALITIES ARE BASED ON HPMS AND FARS DATA. ESTIMATES OF TRAVEL, INJURY ACCIDENTS, NONFATAL INJURED PERSONS, AND FATALITY AND NONFATAL INJURED PEDESTRIANS WERE MADE BY FHWA.

#### D. National Trends

In the early 70's, "3 by 80" was a popular safety slogan. The goal to which the slogan referred was the achievement, by 1980, of a national rate below 3 fatalities per 100 million vehicle-miles. While the goal was not reached in 1980, traffic fatality rates in 1982, 1983 and 1984 were well below 3.

From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-20's, as shown in Figure 1, the average rate has gone downwards more than 3 percent per year to a rate well below three fatalities per 100 million vehicle-miles in 1984.

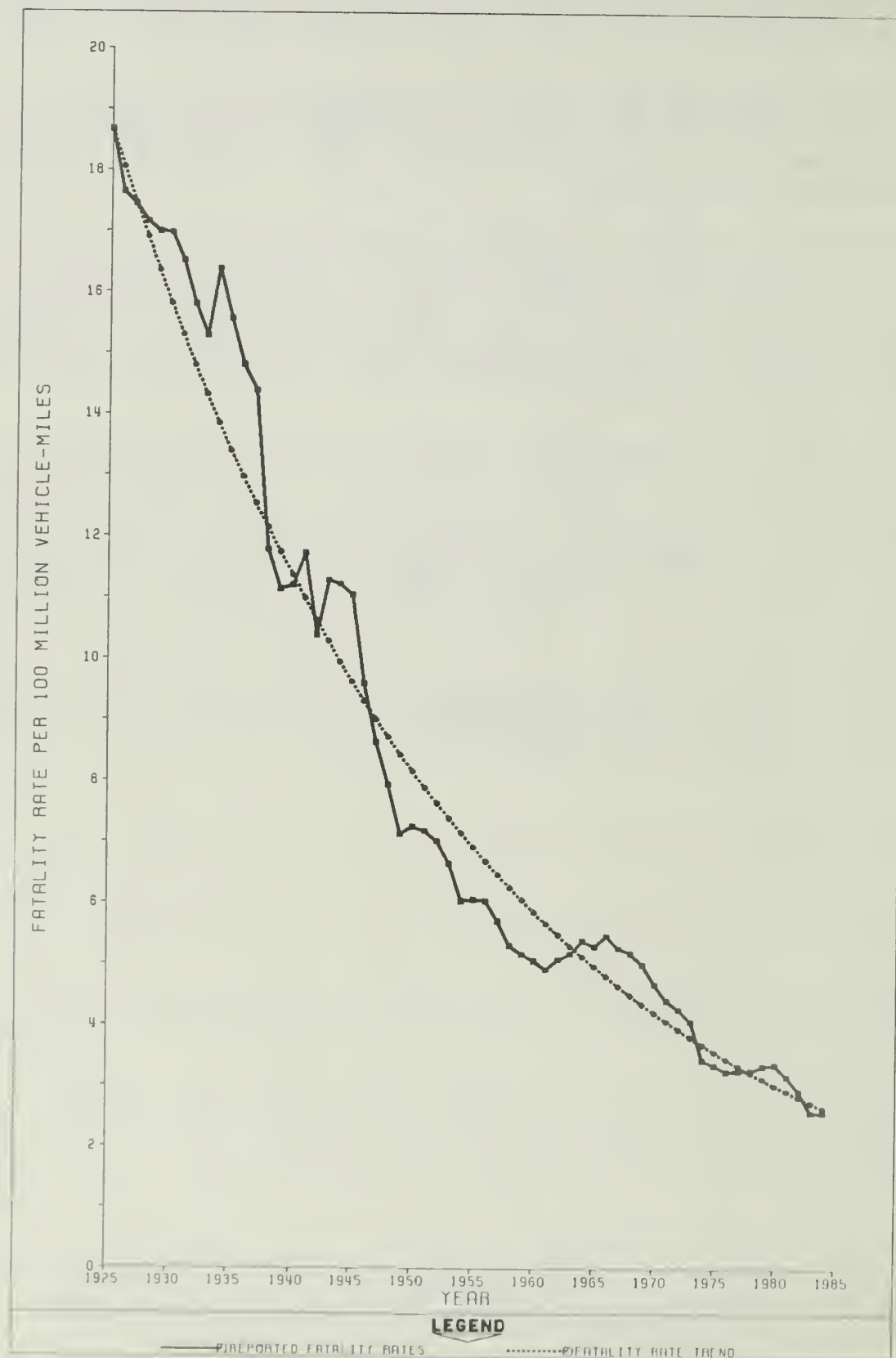
Figures 2 and 3 graphically illustrate national traffic fatality and injury rate trends from 1967 through 1984 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems during this period. Although these trends were interrupted by relatively stable periods following a sharp drop in 1974, the downward movement resumed. Trends for reported injury rates have also been generally downward during the 1967-1984 period.

Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1984 by highway system. In the mid-70's, non-Interstate Federal-aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these changes, trend data are only available for a short period for most systems. The time period covered in Figures 4 and 5 corresponds largely with the period of relative stability which is apparent in Figures 2 and 3.

The 1967 through 1981 data used in Figures 3 through 6 were published in the annual Federal Highway Administration reports, "Fatal and Injury Accidents on Federal-Aid and Other Highway Systems."

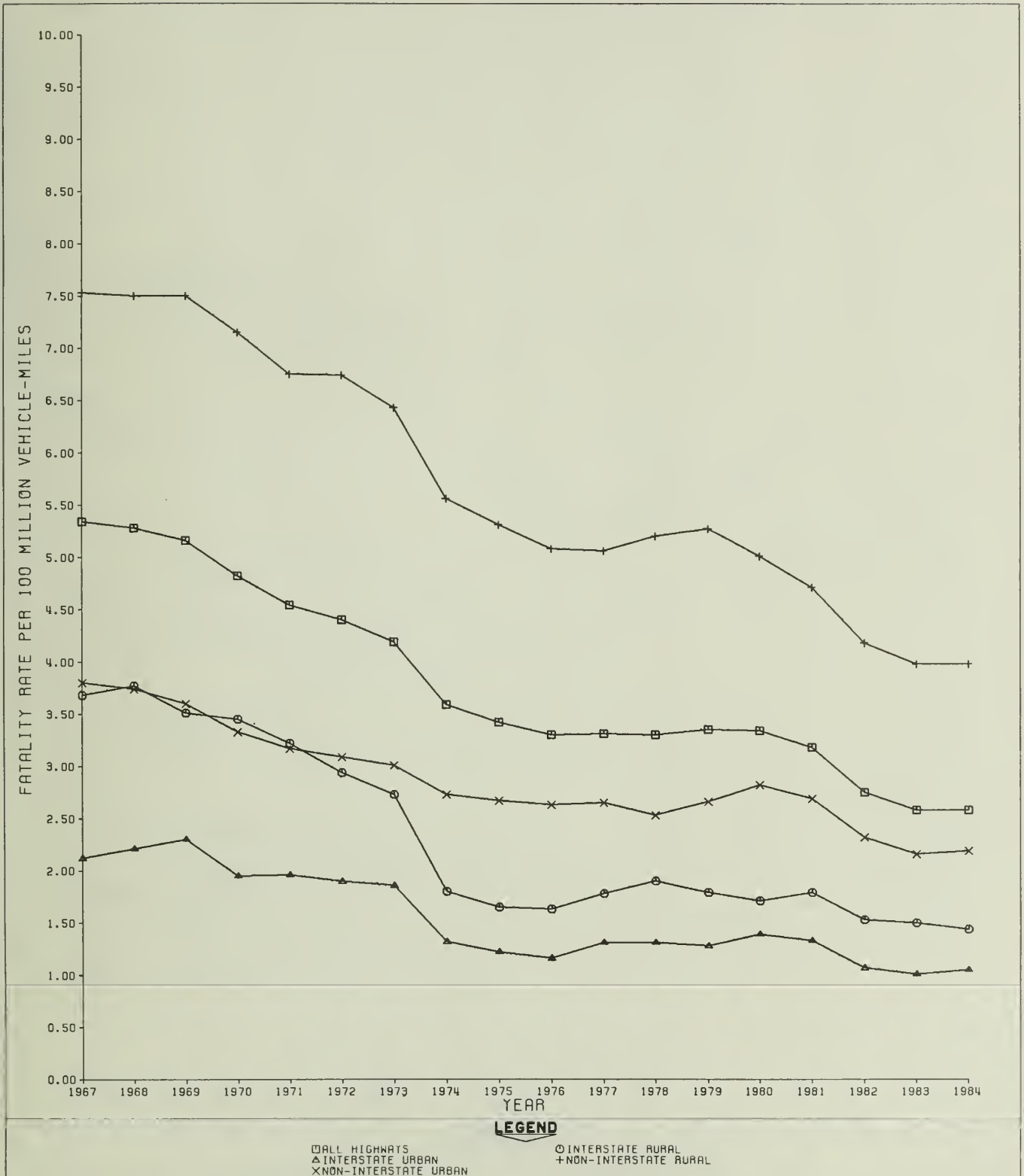
FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES

(1925 - 1984)

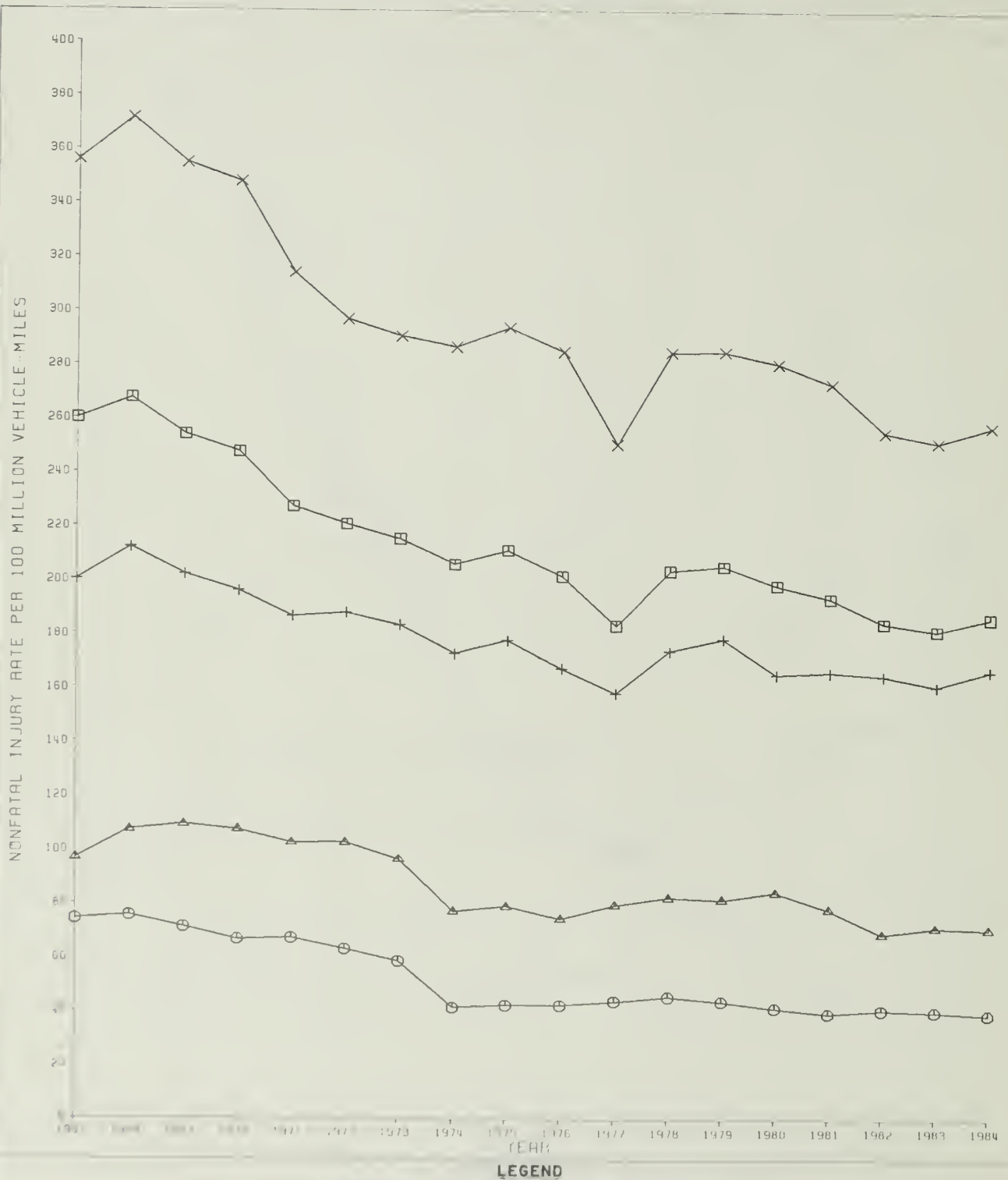




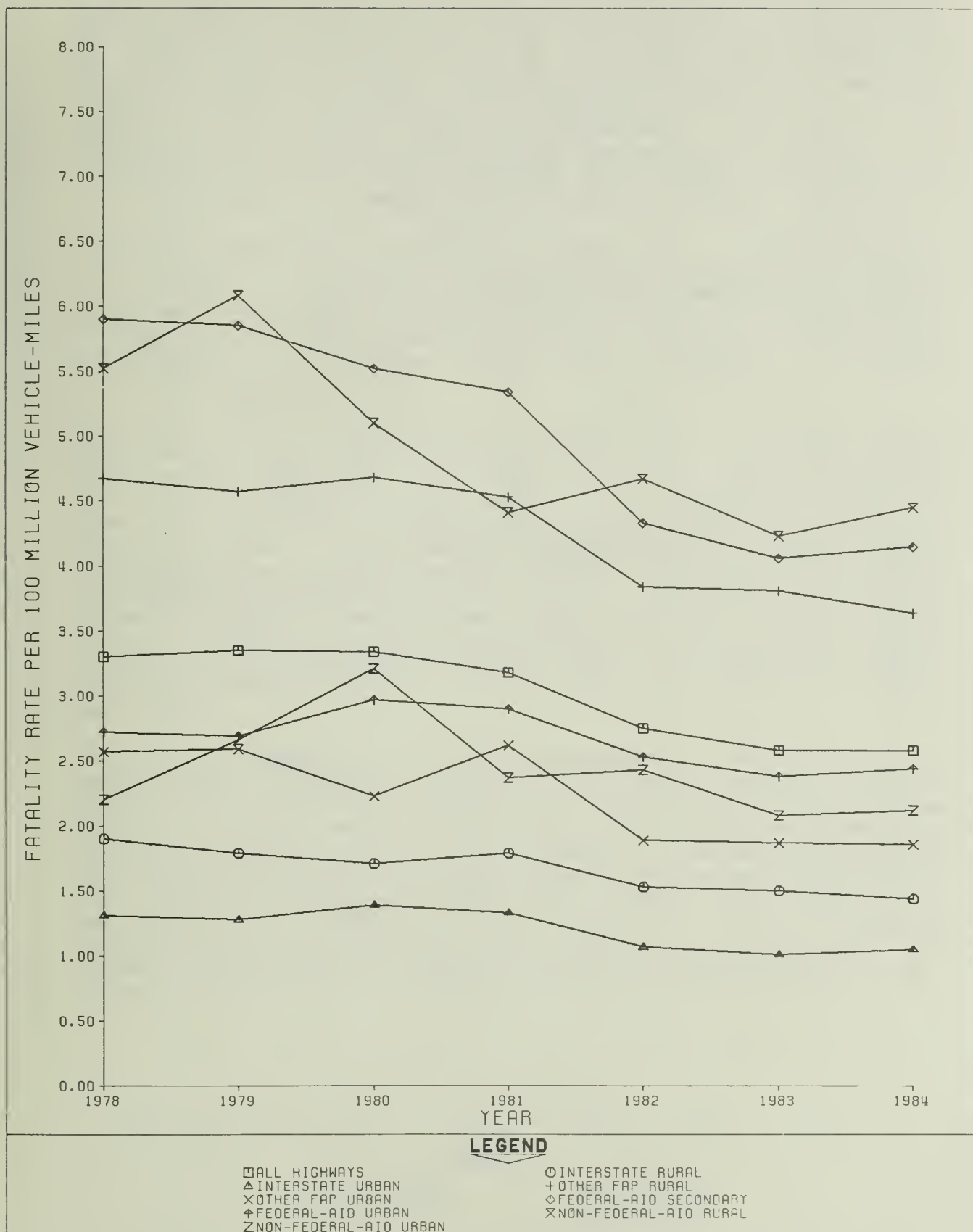
**FIGURE 2. U.S. FATALITY RATES  
FOR INTERSTATE AND OTHER  
HIGHWAY SYSTEMS (1967-1984)**



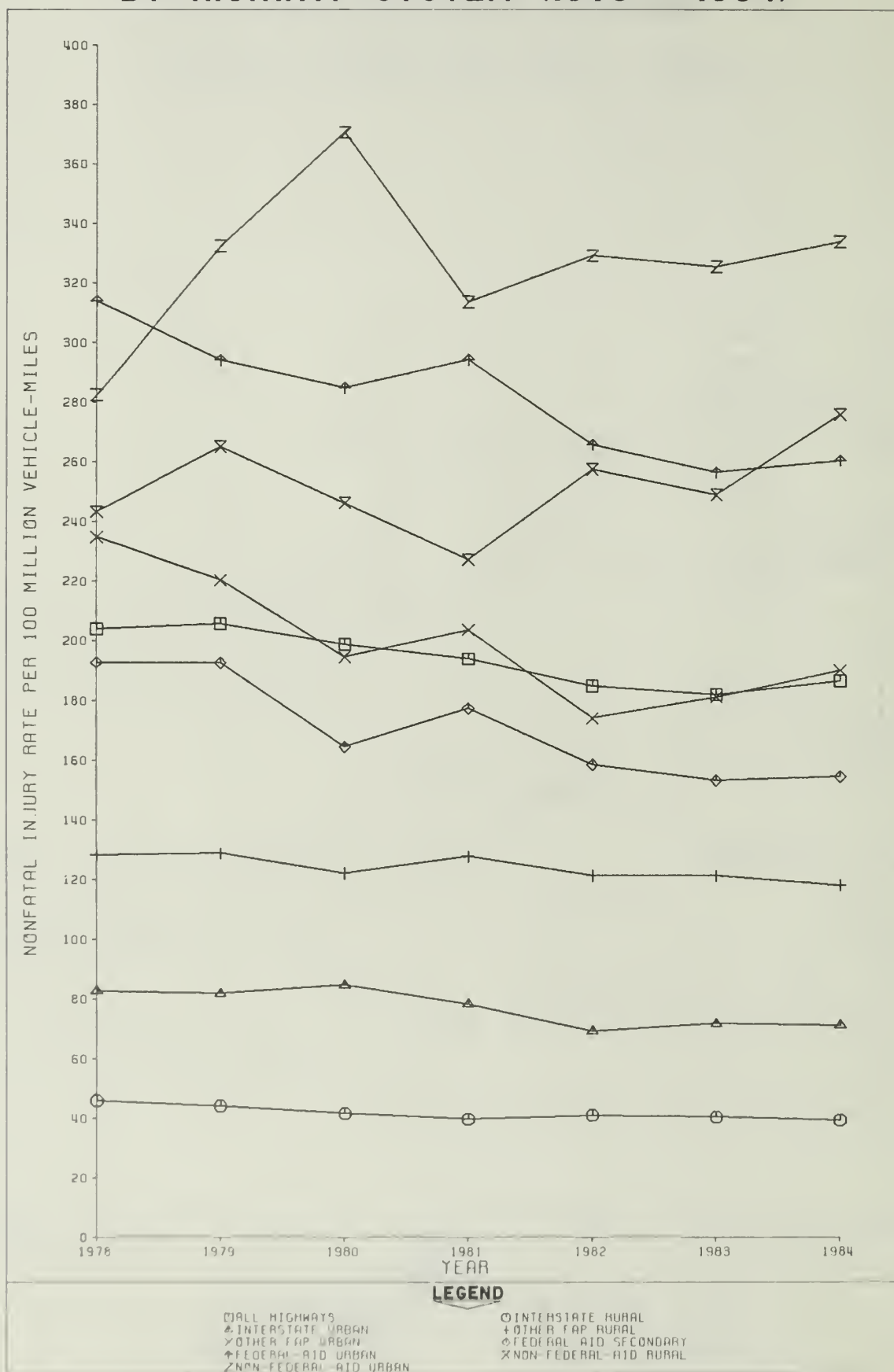
**FIGURE 3. U.S. INJURY RATES  
FOR INTERSTATE AND OTHER  
HIGHWAY SYSTEMS (1967 - 1984)**



**FIGURE 4. U.S. FATALITY RATES  
BY HIGHWAY SYSTEM (1978 - 1984)**



**FIGURE 5. U.S. NONFATAL INJURY RATES  
BY HIGHWAY SYSTEM (1978 - 1984)**



## E. Comparison of State Statistics

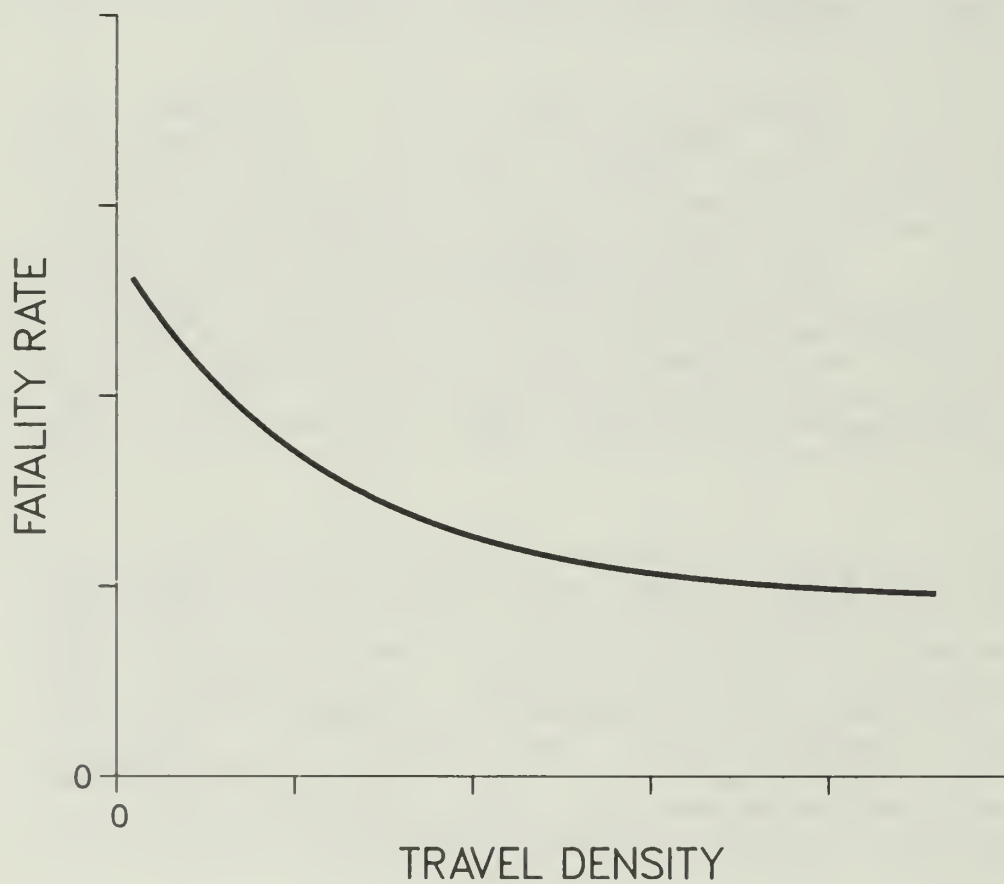
This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State highway departments through the FHWA's Highway Performance Monitoring System. Accident data originate in police accident reporting systems while the collection of travel and highway inventory data is a function of the highway departments themselves. The quality of the reported data is generally high but varies somewhat within the States. As is evident from the tables which follow in Section III, not every State was able to summarize its accident data in time for inclusion in this report.

Because all States report accident and related data to FHWA through a single system with carefully written guidelines, reported data are generally consistent. Differences due to variations in data collection procedures are usually marginal, but occasionally may be large enough to obscure or exaggerate real differences among the States. Evaluation of the highway safety performance of each State should include consideration of its record over a period of time as well as comparisons with other States.

One useful device for comparing fatality rates is the rate-density curve. Other things being equal, fatality rates in terms of fatalities per 100 million vehicle miles tend to be highest where the travel density--the ratio of vehicle-miles to highway miles--is low. The general shape of the rate-density curve--concave upward and sloping downward to the right--is shown in Figure 6. Rate-density curves were used in the 1976 "Highway Safety Needs Study," a DOT report to Congress, to illustrate the fatality rate reduction resulting from the adoption of safer design standards for Interstate highways. Just as fatality rates are normally higher on lightly traveled segments of the Interstate System than on segments where traffic is heavier, large sparsely populated States will normally have higher fatality rates than States with relatively high concentrations of people and traffic.

When basic rate-density relationships are disregarded, evaluation of State highway safety performance is most often based on comparison of State fatality rates with national fatality rates. This tends to focus undue attention on sparsely populated States and encourages complacency in States which have high population and travel densities. A low-density State might have highly effective speed limit enforcement and highway safety improvement programs, for example, but still have fatality rates substantially above those of a high-density State with ineffective safety programs. Rate-density relationships are used as a basis for fatality rate comparisons among States, by system, in Section V and within States, by year, in Section VI.

Figure 6. RELATIONSHIP BETWEEN  
FATALITY RATES AND TRAVEL DENSITY





## SECTION II--VEHICLE MILEAGE RATES

The most commonly used measures of highway safety are fatality rates based on vehicle mileage. Such rates have been published and widely publicized for about 50 years by the National Safety Council. While other measures are sometimes more appropriate for comparisons and analysis, vehicle mileage rates serve as useful indices. In the tables which follow, rates per 100 million vehicle miles are listed by State and highway system for fatal accidents (Table 3), nonfatal injury accidents (Table 4), fatalities (Table 5), and nonfatally injured persons (Table 6).

The rates shown in these tables are uniformly carried out to two decimal places. This apparent precision surpasses the degree of accuracy of much of the data on which the computed rates are based. Collection and classification of information about miles of highway, vehicle miles of travel, and motor vehicle traffic accidents is a highly complex undertaking. Because of this complexity and the necessity of subjective judgments at many points in the process, the computed rates should be regarded as approximations, not as precise measurements.

**TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**FEDERAL-AID INTERSTATE HIGHWAYS**

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	626	2,983	13,055	46	1.54	231	2,381	28,239	20	0.84	
ALASKA	1,049	830	2,168	22	2.65	42	225	14,677	9	4.00	
ARIZONA	1,021	3,230	8,667	86	2.66	119	1,250	28,779	23	1.84	
ARKANSAS	419	1,995	13,045	22	1.10	122	1,091	24,500	17	1.56	
CALIFORNIA	1,425	9,666	18,584	192	1.99	955	36,699	105,283	261	0.71	
COLORADO	1,767	2,659	9,498	55	2.07	159	3,108	53,554	28	0.90	
CONNECTICUT	107	1,057	27,064	10	0.95	229	5,156	61,686	55	1.07	
DELAWARE	-	-	-	-	-	41	753	50,317	7	0.93	
DIST. OF COL.	-	-	-	-	-	12	363	82,877	7	1.93	
FLORIDA	895	6,289	19,252	72	1.14	407	7,910	53,246	104	1.31	
GEORGIA	903	7,293	22,127	75	1.03	316	7,130	61,817	60	0.84	
HAWAII	5	67	36,712	1	1.49	30	830	75,799	4	0.48	
IDAHO	534	1,164	5,972	25	2.15	72	381	14,498	2	0.52	
ILLINOIS	1,252	5,358	11,725	39	0.73	466	9,448	55,547	78	0.83	
INDIANA	848	4,179	13,502	51	1.22	264	3,648	37,858	23	0.63	
IOWA	633	2,494	10,794	12	0.88	128	981	20,997	13	1.33	
KANSAS	854	1,808	7,574	16	0.48	157	1,411	24,623	20	1.42	
KENTUCKY	579	3,923	18,563	42	1.07	159	2,651	45,679	31	1.17	
LOUISIANA	524	3,676	19,220	43	1.17	169	2,908	47,143	29	1.00	
MAINE	275	1,332	13,270	6	0.45	37	459	36,949	2	0.40	
MICHIGAN	714	3,950	15,157	36	0.91	415	7,210	47,599	53	0.74	
MINNESOTA	696	2,004	7,889	15	0.75	182	3,167	47,674	7	0.22	
MISSISSIPPI	565	2,121	10,285	25	1.18	121	597	22,574	13	1.30	
MISSOURI	824	3,900	12,967	32	0.82	318	5,933	51,116	69	1.16	
MONTANA	1,101	1,389	3,456	34	2.45	46	140	8,338	2	1.43	
NEBRASKA	444	1,474	9,095	16	1.09	37	524	38,800	8	1.53	
NEVADA	503	1,144	6,231	41	3.58	36	468	35,616	9	1.92	
NEW HAMPSHIRE	164	884	14,768	10	1.13	43	448	28,544	4	0.89	
NEW JERSEY	129	1,367	29,033	9	0.66	254	6,786	73,196	42	0.62	
NEW YORK	864	4,181	13,258	28	0.67	629	10,543	45,922	97	0.92	
NORTH CAROLINA	595	4,112	18,934	41	1.00	201	2,287	31,173	22	0.96	
NORTH DAKOTA	533	732	3,763	6	0.82	38	130	9,373	1	0.77	
OHIO	879	7,133	22,233	32	0.45	669	12,083	49,483	86	0.71	
OKLAHOMA	726	3,049	11,506	50	1.64	200	2,895	39,658	40	1.38	
OREGON	585	2,715	12,715	28	1.03	133	1,955	40,272	17	0.87	
PENNSYLVANIA	1,170	6,600	15,455	58	0.88	357	5,358	41,119	54	1.01	
SOUTH CAROLINA	673	3,421	13,927	37	1.08	111	1,250	30,853	14	1.12	
SOUTH DAKOTA	636	1,189	5,122	13	1.09	41	154	10,291	0	0.00	
TENNESSEE	783	5,076	17,761	62	1.22	248	3,914	43,239	44	1.12	
TEXAS	2,279	10,802	12,986	215	1.99	847	18,763	60,691	298	1.59	
UTAH	706	1,499	5,817	46	3.07	127	1,801	38,852	16	0.89	
VERMONT	300	748	6,831	9	1.20	20	112	15,342	1	0.89	
VIRGINIA	798	4,896	16,809	47	0.96	226	4,397	53,303	50	1.14	
WASHINGTON	486	2,653	14,956	33	1.24	237	5,797	67,013	35	0.60	
WEST VIRGINIA	389	1,547	10,896	14	0.90	91	763	22,972	5	0.66	
WISCONSIN	466	2,423	14,245	20	0.83	112	1,773	43,371	8	0.45	
WYOMING	855	1,363	4,368	27	1.98	49	141	7,884	3	2.13	
SUBTOTAL	31,379	142,375	12,431	1,799	1.26	9,903	188,612	52,181	1,791	0.95	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
RHODE ISLAND											
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											



**TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA											
ALABAMA	5,871	6,509	3,037	286	4.39	COMPLETE DATA	3,729	12,723	49	1.31	
ALASKA	1,012	400	1,083	9	2.25	ALABAMA	803	12,723	49	1.31	
ARIZONA	3,312	3,322	2,748	164	4.94	ALASKA	32	6,849	3	3.75	
ARKANSAS	4,698	4,634	2,702	159	3.43	ARIZONA	193	17,205	46	3.80	
CALIFORNIA	9,648	18,752	5,325	755	4.03	ARKANSAS	458	9,936	27	1.63	
COLORADO	3,869	3,801	2,692	149	3.92	CALIFORNIA	1,428	50,015	336	1.29	
CONNECTICUT	689	1,741	6,923	43	2.47	COLORADO	458	19,848	45	1.36	
DELAWARE	332	1,382	11,405	33	2.39	CONNECTICUT	580	17,808	65	1.72	
DISC. OF COL.	-	-	-	-	-	DELAWARE	770	21,748	18	2.34	
FLORIDA	5,977	12,980	5,950	498	3.84	DISC. OF COL.	168	22,267	33	1.97	
GEORGIA	8,646	9,586	3,038	318	3.32	FLORIDA	2,368	14,864	377	2.54	
HAWAII	376	937	6,827	30	3.20	GEORGIA	1,420	13,990	165	2.28	
IDAHO	2,595	1,698	1,793	65	3.83	HAWAII	120	1,337	35	2.62	
ILLINOIS	7,849	8,451	2,950	251	2.97	IDAHO	49	11,183	5	2.50	
INDIANA	4,318	7,541	4,785	196	2.60	ILLINOIS	1,900	10,994	227	2.06	
IOWA	8,153	6,133	2,061	130	2.12	INDIANA	788	16,908	83	1.71	
KANSAS	7,764	4,984	1,755	150	3.01	IOWA	700	10,853	36	1.30	
KENTUCKY	3,315	4,925	4,070	154	3.13	KANSAS	341	1,935	25	1.36	
LOUISIANA	2,664	5,660	5,821	185	3.27	KENTUCKY	459	16,146	30	1.71	
MAINE	1,824	2,376	3,569	55	2.31	LOUISIANA	472	21,802	64	1.70	
MICHIGAN	4,718	8,810	5,116	204	2.32	MAINE	181	11,277	10	1.34	
MINNESOTA	5,314	5,219	2,691	164	2.18	MICHIGAN	1,246	22,375	148	1.45	
MISSISSIPPI	6,357	7,250	3,125	158	3.03	MINNESOTA	500	14,756	45	1.67	
MISSOURI	5,370	2,233	1,139	208	2.87	MISSISSIPPI	353	13,140	57	3.37	
MONTANA	6,939	3,675	1,451	91	4.08	MISSOURI	542	17,712	49	1.40	
NEBRASKA	1,791	1,042	1,594	42	2.45	MONTANA	110	10,660	11	2.57	
NEVADA	964	1,831	5,204	49	4.03	NEBRASKA	283	12,605	14	1.08	
NEW HAMPSHIRE	815	2,523	9,826	88	2.68	NEVADA	58	21,823	9	1.95	
NEW JERSEY	6,423	9,201	3,525	266	3.01	NEW HAMPSHIRE	174	13,399	8	0.94	
NORTH CAROLINA	3,754	7,821	5,708	183	2.89	NEW JERSEY	648	38,044	130	1.61	
NORTH DAKOTA	5,408	1,729	876	30	1.74	NEW YORK	1,966	28,055	315	1.56	
OHIO	4,874	8,624	4,875	219	2.54	NORTH CAROLINA	648	20,628	88	1.80	
OKLAHOMA	4,604	5,363	3,015	185	3.45	NORTH DAKOTA	1,584	4,197	5	2.59	
OREGON	7,933	14,550	5,025	412	4.05	OHIO	7,024	12,149	137	1.95	
PENNSYLVANIA	4,920	6,099	3,396	235	2.83	OKLAHOMA	431	12,821	36	1.78	
SOUTH CAROLINA	5,694	2,386	1,148	46	1.93	OREGON	2,017	16,383	51	2.16	
SOUTH DAKOTA	5,214	6,566	3,450	270	4.11	PENNSYLVANIA	394	23,123	233	1.37	
TENNESSEE	1,983	21,780	3,983	654	3.00	PENNSYLVANIA	2,014	23,123	233	1.37	
TEXAS	2,463	1,593	1,772	49	2.98	SOUTH CAROLINA	653	13,636	68	2.09	
UTAH	1,040	9,303	5,019	33	2.98	SOUTH DAKOTA	112	10,103	7	1.69	
VERMONT	4,953	4,414	3,098	125	2.50	TENNESSEE	771	19,334	99	1.82	
VIRGINIA	4,277	3,040	3,658	136	4.47	TEXAS	1,702	25,148	258	1.65	
WEST VIRGINIA	7,977	9,478	3,255	272	2.87	UTAH	106	12,303	10	2.10	
WISCONSIN	2,871	1,388	1,325	54	3.89	VERMONT	176	8,904	5	1.60	
WYOMING	-	-	-	-	-	VIRGINIA	466	20,148	55	1.60	
SUBTOTAL	218,617	265,886	3,332	8,334	3.13	WASHINGTON	634	18,746	78	1.80	
INCOMPLETE DATA						WEST VIRGINIA	193	12,790	19	2.11	
MARYLAND	-	-	-	-	-	WISCONSIN	861	14,192	66	1.48	
MASSACHUSETTS	-	-	-	-	-	WYOMING	125	8,066	4	1.09	
NEW JERSEY	-	-	-	-	-	SUBTOTAL	29,791	215,308	3,684	1.71	
NEW MEXICO	-	-	-	-	-	INCOMPLETE DATA					
RHODE ISLAND	-	-	-	-	-	MARYLAND	-	-	-	-	
						MASSACHUSETTS	-	-	-	-	
						NEW MEXICO	-	-	-	-	
						RHODE ISLAND	-	-	-	-	
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											

**TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**FEDERAL-AID URBAN HIGHWAYS**

STATE	ARTERIAL				STATE	COLLECTOR				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS						
				NUMBER		RATE $\lambda$				
COMPLETE DATA					COMPLETE DATA					
ALABAMA	1,464	4,268	7,987	60	1.41	1,062	1,005	2,593	31	3.08
ALASKA	77	532	18,929	26	4.89	156	108	1,897	11	10.19
ARIZONA	1,126	4,572	11,124	197	4.31	488	961	5,395	19	1.98
ARKANSAS	820	1,423	4,754	25	1.76	279	158	1,552	15	3.16
CALIFORNIA	11,803	58,712	13,628	1,638	2.79	4,636	5,545	3,277	125	2.25
COLORADO	1,582	4,589	7,475	97	2.11	546	893	4,481	9	1.01
CONNECTICUT	1,228	3,750	8,366	92	2.45	1,719	1,446	2,305	50	3.46
DELAWARE	157	637	11,116	20	3.14	148	266	4,924	6	2.28
DIST. OF COL.	93	411	12,108	7	1.70	146	369	6,924	5	1.36
FLORIDA	1,708	12,784	20,506	518	4.05	3,854	5,623	3,997	3	0.05
GEORGIA	1,934	5,583	7,909	80	1.43	1,675	1,770	2,895	55	3.15
HAWAII	148	925	17,123	11	1.99	167	405	6,644	1	0.25
IDAHO	436	1,210	7,603	24	1.18	280	225	2,202	2	0.89
ILLINOIS	3,570	14,194	10,893	293	2.06	3,053	6,139	5,509	121	1.97
INDIANA	3,001	6,635	6,057	114	1.72	1,856	1,358	2,005	20	1.47
IOWA	1,435	1,823	3,481	25	1.37	952	630	1,813	7	1.11
KANSAS	1,077	2,198	5,591	38	1.73	480	280	1,598	5	1.79
KENTUCKY	1,086	3,496	8,820	53	1.52	758	1,107	4,001	15	1.36
LOUISIANA	1,148	3,958	9,446	67	1.69	774	1,038	3,674	70	5.68
MAINE	347	384	3,032	17	4.43	345	176	1,398	10	1.76
MICHIGAN	2,911	13,066	12,297	343	2.63	1,920	5,500	7,848	20	0.36
MINNESOTA	1,472	5,215	9,706	58	1.11	575	557	2,654	3	0.54
MISSISSIPPI	940	1,742	5,077	57	3.27	746	649	2,383	17	2.62
MISSOURI	1,805	6,516	9,890	130	2.00	549	605	3,019	11	1.82
MONTANA	235	564	6,575	18	0.53	92	60	1,787	0	0.00
NEBRASKA	649	1,530	6,459	3	1.18	406	400	2,699	5	1.25
NEVADA	443	2,069	12,796	62	3.00	68	166	6,688	2	1.20
NEW HAMPSHIRE	384	947	6,757	30	3.17	331	300	2,483	5	1.67
NEW JERSEY	3,540	12,065	9,338	272	2.25	1,812	2,995	4,528	59	1.97
NEW YORK	5,172	19,349	10,250	551	2.85	3,516	4,429	3,451	78	1.76
NORTH CAROLINA	2,131	7,978	10,257	148	1.86	264	156	1,619	9	5.77
NORTH DAKOTA	206	575	7,647	3	0.52	189	147	2,131	4	2.72
OHIO	3,545	9,707	7,502	208	2.14	3,974	3,256	2,245	136	4.18
OKLAHOMA	2,235	6,414	7,862	89	1.39	735	723	2,695	12	1.66
OREGON	1,075	2,932	7,472	70	2.39	921	899	2,674	13	1.45
PENNSYLVANIA	3,775	8,173	5,932	223	2.73	3,089	4,050	3,592	37	0.91
SOUTH CAROLINA	658	2,317	9,647	60	2.59	514	704	3,752	26	3.69
SOUTH DAKOTA	263	376	3,917	5	1.33	102	64	1,719	0	0.00
TENNESSEE	1,491	5,702	10,477	109	1.91	1,239	1,484	3,281	39	2.63
TEXAS	5,786	21,175	10,027	398	1.88	1,507	1,512	2,749	0	0.00
UTAH	517	2,477	13,126	58	2.34	318	719	6,195	9	1.25
VERMONT	139	396	7,805	3	0.76	132	124	2,574	1	0.81
VIRGINIA	1,927	8,177	11,626	161	1.97	1,057	1,394	3,613	34	2.44
WASHINGTON	2,190	7,368	9,217	112	1.52	1,677	1,900	3,104	138	7.26
WEST VIRGINIA	390	1,157	8,128	25	2.16	403	480	3,263	6	1.25
WISCONSIN	2,067	5,102	6,762	53	1.04	820	656	2,192	7	1.07
WYOMING	219	382	4,779	8	2.09	233	171	2,011	2	1.17
SUBTOTAL	80,505	285,555	9,718	6,659	2.33	50,563	63,602	3,446	1,243	1.95
INCOMPLETE DATA										
MARYLAND										
MASSACHUSETTS										
NEW MEXICO										
RHODE ISLAND										
$\lambda$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.										

# TABLE 3-D. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

## FEDERAL-AID SECONDARY HIGHWAYS

STATE	COLLECTOR, RURAL				FATAL ACCIDENTS
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER	
COMPLETE DATA					
ALABAMA	11,252	3,830	933	142	3.71
ALASKA	1,801	529	805	17	3.21
ARIZONA	3,149	1,602	1,394	86	5.37
ARKANSAS	7,054	1,427	554	55	3.85
CALIFORNIA	11,200	6,682	1,635	447	6.69
COLORADO	3,387	1,911	1,546	47	2.46
CONNECTICUT	896	1,052	3,217	48	4.56
DELAWARE	605	485	2,196	15	3.09
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,701	2,761	1,609	113	4.09
GEORGIA	14,004	5,172	1,012	204	3.94
HAWAII	447	343	2,102	14	4.08
IDAHO	3,989	1,279	878	45	3.52
ILLINOIS	12,921	3,431	727	127	3.70
INDIANA	9,295	5,720	1,686	106	1.85
IOWA	13,375	2,384	488	74	3.10
KANSAS	22,552	2,271	276	86	3.79
KENTUCKY	7,225	4,134	1,568	188	4.55
LOUISIANA	7,412	5,390	1,992	222	4.12
MAINE	2,728	1,302	1,308	34	2.61
MICHIGAN	19,019	8,791	1,266	273	3.11
MINNESOTA	16,451	3,324	554	95	2.86
MISSISSIPPI	11,744	3,030	707	98	3.23
MISSOURI	18,129	4,673	706	203	4.34
MONTANA	4,739	468	271	17	3.63
NEBRASKA	11,413	1,127	271	31	2.75
NEVADA	2,331	1,598	820	28	4.01
NEW HAMPSHIRE	1,233	870	1,933	23	2.64
NEW JERSEY	1,721	2,494	3,970	75	3.01
NEW YORK	6,330	4,403	1,906	165	3.75
NORTH CAROLINA	10,380	8,657	2,285	320	3.70
NORTH DAKOTA	10,492	645	168	11	1.71
OHIO	11,737	7,480	1,746	273	3.65
OKLAHOMA	9,718	3,358	947	99	2.95
OREGON	7,767	1,703	601	76	4.46
PENNSYLVANIA	8,123	5,345	1,803	184	3.44
SOUTH CAROLINA	8,501	3,939	1,269	180	4.57
SOUTH DAKOTA	11,261	1,831	202	28	3.37
TENNESSEE	5,345	1,773	509	116	6.54
TEXAS	32,666	13,222	1,109	591	4.47
UTAH	2,603	691	727	30	4.34
VERMONT	1,947	873	1,228	28	3.21
VIRGINIA	10,313	4,932	1,310	177	3.59
WASHINGTON	7,213	4,267	1,621	20	0.47
WEST VIRGINIA	6,360	3,395	1,462	124	3.65
WISCONSIN	11,822	3,707	859	104	2.81
WYOMING	2,271	400	483	17	4.25
SUBTOTAL	389,622	146,801	1,032	5,456	3.72
INCOMPLETE DATA					
MARYLAND					
MASSACHUSETTS					
NEW MEXICO					
RHODE ISLAND					
$\lambda$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.					

**TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**NONFEDERAL-AID ARTERIAL HIGHWAYS**

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	-	-	-	-	0	0.00	246	775	8,631	4	0.52
ALASKA	2	1	1,370	0	0.00	-	-	-	-	-	-
ARIZONA	19	18	2,596	0	0.00	25	91	9,973	0	0.00	
ARKANSAS	427	231	1,482	19	8.23	418	442	2,897	9	2.04	
CALIFORNIA	16	30	5,137	2	6.67	1,352	3,719	7,536	81	2.18	
COLORADO	-	-	-	-	-	40	93	6,370	1	1.08	
CONNECTICUT	9	18	5,479	0	0.00	42	184	12,003	4	2.17	
DELAWARE	-	-	-	-	-	-	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	11	105	26,152	1	0.95	
FLORIDA	409	1,294	8,668	51	3.94	249	1,594	17,539	12	0.75	
GEORGIA	-	-	-	-	-	-	-	-	-	-	-
HAWAII	15	27	4,932	1	3.70	8	37	12,671	0	0.00	
IDAHO	-	-	-	-	-	53	21	1,086	1	4.76	
ILLINOIS	-	-	-	-	-	50	1	2,000	1	2.00	
INDIANA	35	75	5,871	4	5.33	12	196	44,749	0	0.00	
IOWA	-	-	-	-	-	-	-	-	-	-	-
KANSAS	48	65	3,710	1	1.54	218	628	7,892	12	1.91	
KENTUCKY	-	-	-	-	-	-	-	-	-	-	-
LOUISIANA	-	-	-	-	-	423	1,100	7,125	3	0.27	
MAINE	40	149	10,205	3	2.01	13	608	128,135	0	0.00	
MASSACHUSETTS	-	-	-	-	-	162	338	5,716	3	0.89	
MICHIGAN	-	-	-	-	-	48	40	2,283	1	2.50	
MINNESOTA	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI	249	27	297	2	7.41	536	1,362	6,962	19	1.40	
MISSOURI	9	7	2,131	0	0.00	35	70	5,479	0	0.00	
MONTANA	70	17	665	0	0.00	-	-	-	-	-	-
NEBRASKA	-	-	-	-	-	21	91	11,872	0	0.00	
NEVADA	1	4	10,959	1	25.00	19	106	15,285	2	1.89	
NEW HAMPSHIRE	34	59	4,754	1	1.69	261	3,122	32,772	36	1.15	
NEW JERSEY	113	987	23,930	27	2.74	113	437	10,595	0	0.00	
NEW MEXICO	-	-	-	-	-	1,194	2,245	5,151	32	1.43	
NEW YORK	-	-	-	-	-	-	-	2,740	0	0.00	
NORTH CAROLINA	249	120	1,320	1	0.83	1	1	-	-	-	-
NORTH DAKOTA	-	-	-	-	-	169	130	2,107	3	2.31	
OHIO	-	-	-	-	-	69	165	6,552	1	0.61	
OKLAHOMA	222	323	3,986	0	0.00	-	-	-	-	-	-
OREGON	187	116	1,700	5	4.31	-	-	-	-	-	-
PENNSYLVANIA	-	-	-	-	-	292	473	4,438	12	2.54	
RHODE ISLAND	-	-	-	-	-	8	5	1,712	0	0.00	
SOUTH CAROLINA	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA	14	9	1,761	0	0.00	1,862	4,345	6,393	337	7.76	
TENNESSEE	-	-	-	-	-	49	49	2,740	0	0.00	
TEXAS	2	8	10,959	0	0.00	-	-	-	-	-	-
UTAH	-	-	-	-	-	70	373	14,599	4	1.07	
VERMONT	-	-	-	-	-	11	1	249	0	0.00	
VIRGINIA	311	249	2,194	3	1.20	-	-	-	-	-	-
WASHINGTON	-	-	-	-	-	152	305	5,497	1	0.33	
WEST VIRGINIA	-	-	-	-	-	7	11	4,305	0	0.00	
WISCONSIN	-	-	-	-	-	-	-	-	-	-	-
WYOMING	251	101	1,102	1	0.99	8,239	23,312	7,752	580	2.49	
SUBTOTAL	2,732	3,935	3,946	122	3.10						
INCOMPLETE DATA											
MARYLAND	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO	-	-	-	-	-	-	-	-	-	-	-
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											



# TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

## NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	7,035	1,004	391	13	1.29	508	727	3,921	21	2.89	
ALASKA	867	154	487	8	5.19	55	92	4,583	3	3.26	
ARIZONA	4,747	716	413	34	4.75	436	589	3,701	8	1.36	
ARKANSAS	11,830	1,596	370	58	3.63	713	293	1,126	8	2.73	
CALIFORNIA	11,770	3,466	807	151	4.36	2,602	3,119	3,284	76	2.44	
COLORADO	15,975	2,569	441	63	2.45	608	47	212	1	2.13	
CONNECTICUT	11,205	513	1,165	10	1.95	187	161	2,359	5	3.11	
DELAWARE	159	50	862	2	4.00	26	14	1,475	0	0.00	
DIST. OF COL.											
FLORIDA	5,498	1,460	728	57	3.90	424	2,526	16,322	2	0.08	
GEORGIA	7,321	724	271	132	18.23						
HAWAII	131	147	3,074	1	0.68	8	21	7,192	0	0.00	
IDAHO	4,856	365	206	8	2.19	107	67	1,716	0	0.00	
ILLINOIS	4,919	1,648	918	53	3.22	207	125	1,654	5	4.00	
INDIANA	10,668	1,568	428	26	1.56	66	42	1,743	0	0.00	
IOWA	16,473	703	117	27	3.84	83	40	1,320	0	0.00	
KANSAS	9,405	259	75	4	1.54	294	329	3,066	8	2.43	
KENTUCKY	9,344	1,563	488	68	4.09	132	110	2,283	1	0.91	
LOUISIANA	4,269	1,257	807	47	3.74	342	212	1,698	1	0.47	
MAINE	2,805	713	696	27	3.79	31	127	11,224	1	0.79	
MICHIGAN	7,829	1,669	584	49	2.94	2,004	680	930	5	0.74	
MINNESOTA	12,085	1,019	231	36	3.53	1,162	1,586	3,739	27	1.70	
MISSISSIPPI	2,874	252	240	6	2.38						
MISSOURI	5,456	295	148	11	3.73	836	946	3,100	2	0.21	
MONTANA	11,353	626	151	13	2.08	120	87	1,986	0	0.00	
NEBRASKA	9,291	273	81	6	2.20						
NEVADA	2,486	150	165	3	2.00	343	369	2,947	5	1.36	
NEW HAMPSHIRE	1,231	322	717	13	4.04	9	13	3,957	0	0.00	
NEW JERSEY	1,288	1,123	2,389	17	1.51	95	30	865	1	3.33	
NEW YORK	10,916	3,891	977	97	2.49	394	185	1,286	1	0.54	
NORTH CAROLINA	9,353	2,493	730	129	5.17	1,065	763	1,963	16	2.10	
NORTH DAKOTA	8,099	219	74	7	3.20	23	16	1,906	1	6.25	
OHIO	7,451	2,832	1,041	63	2.22						
OKLAHOMA	14,832	1,392	257	11	0.79	463	310	1,834	2	0.65	
OREGON	9,313	1,074	316	14	1.30	191	184	2,639	3	1.63	
PENNSYLVANIA	8,887	2,374	732	62	2.61						
SOUTH CAROLINA	4,012	507	346	25	4.93						
SOUTH DAKOTA	7,321	154	58	9	5.84	619	379	1,677	6	1.58	
TENNESSEE	11,089	2,562	658	60	2.25	50	59	3,233	1	1.69	
TEXAS	20,672	2,300	305	101	4.39	3,786	4,086	2,957	107	2.62	
UTAH	4,841	322	182	8	2.48	267	215	2,206	5	2.33	
VERMONT	1,023	161	431	3	1.86						
VIRGINIA	2,369	390	451	13	3.33						
WASHINGTON	6,524	1,715	720	7	0.41	28	28	2,740	0	0.00	
WEST VIRGINIA	2,175	336	423	8	2.38	2	2	2,740	2	10.53	
WISCONSIN	6,563	886	370	45	5.08	534	419	2,150	0	0.00	
WYOMING	7,884	415	144	12	2.89	37	28	2,073	0	0.00	
SUBTOTAL	326,494	50,527	424	1,617	3.20	18,889	19,056	2,764	324	1.70	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
RHODE ISLAND											

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

**TABLE 3-6. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**NONFEDERAL-AID LOCAL HIGHWAYS**

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	48,447	2,890	163	75	2.60	ALABAMA	10,015	2,860	782	78	2.73
ALASKA	5,199	380	200	14	3.68	ALASKA	1,259	258	561	1	0.39
ARIZONA	55,065	1,660	83	65	3.92	ARIZONA	6,437	1,390	592	59	4.24
ARKANSAS	45,039	1,053	64	41	3.89	ARKANSAS	4,768	617	355	16	2.59
CALIFORNIA	74,047	5,965	221	202	3.39	CALIFORNIA	42,123	18,113	1,178	251	1.39
COLORADO	41,202	570	38	38	6.67	COLORADO	7,033	1,030	401	11	1.07
CONNECTICUT	5,983	608	278	22	3.62	CONNECTICUT	6,705	1,620	562	29	1.79
DELAWARE	2,681	394	-	12	3.05	DELAWARE	1,056	387	1,004	5	1.28
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	1,668	283	1,161	3	1.06
FLORIDA	50,038	3,205	175	321	10.02	FLORIDA	22,456	12,185	1,487	419	3.44
GEORGIA	55,740	2,055	101	114	5.55	GEORGIA	13,574	3,922	1,482	56	1.43
HAWAII	1,659	452	746	3	0.66	HAWAII	943	977	2,839	26	2.66
IDAHO	54,691	1,070	54	34	3.18	IDAHO	954	88	253	4	4.55
ILLINOIS	76,760	3,318	118	100	3.01	ILLINOIS	21,535	6,754	859	89	1.32
INDIANA	48,734	1,837	103	142	7.73	INDIANA	11,682	3,312	777	73	2.20
IOWA	65,222	1,467	62	42	2.86	IOWA	5,245	1,069	558	10	0.94
KANSAS	83,351	1,231	40	65	5.28	KANSAS	5,866	1,418	662	22	1.55
KENTUCKY	41,398	1,806	120	70	3.88	KENTUCKY	4,884	1,431	803	22	1.54
LOUISIANA	31,030	1,744	154	76	4.36	LOUISIANA	8,895	1,889	274	37	4.16
MAINE	11,509	704	162	36	5.11	MAINE	1,403	230	449	6	2.61
MICHIGAN	60,033	1,260	58	134	10.63	MICHIGAN	16,572	2,020	334	98	4.85
MINNESOTA	80,410	2,423	83	52	2.15	MINNESOTA	9,186	2,287	682	14	0.61
MISSISSIPPI	43,581	1,207	76	134	11.10	MISSISSIPPI	4,793	1,505	860	28	1.86
MISSOURI	73,285	2,621	98	62	2.37	MISSOURI	10,241	523	247	47	5.09
MONTANA	46,580	563	33	30	5.33	MONTANA	1,635	741	1,242	3	0.40
NEBRASKA	59,005	1,135	53	47	4.14	NEBRASKA	3,497	528	414	15	2.84
NEVADA	33,699	265	22	6	2.26	NEVADA	2,045	404	541	7	1.73
NEW HAMPSHIRE	8,483	454	147	22	4.85	NEW HAMPSHIRE	1,448	209	395	6	2.87
NEW JERSEY	7,452	773	284	39	5.05	NEW JERSEY	15,751	9,595	1,669	69	0.72
NEW YORK	48,516	3,750	212	144	3.84	NEW YORK	25,041	6,767	740	139	2.05
NORTH CAROLINA	50,771	3,813	206	206	5.40	NORTH CAROLINA	12,115	2,858	646	96	3.36
NORTH DAKOTA	59,821	720	33	17	2.36	NORTH DAKOTA	1,031	270	717	2	0.74
OHIO	56,726	6,769	327	169	2.50	OHIO	20,377	9,987	1,343	155	1.55
OKLAHOMA	67,538	1,823	74	128	7.02	OKLAHOMA	8,168	3,184	1,081	49	1.54
OREGON	104,018	1,426	38	28	1.96	OREGON	5,665	897	434	22	2.45
PENNSYLVANIA	60,946	5,435	244	119	2.15	PENNSYLVANIA	19,585	5,414	757	178	3.29
SOUTH CAROLINA	36,466	2,720	204	128	4.71	SOUTH CAROLINA	5,920	912	422	31	1.40
SOUTH DAKOTA	46,696	529	31	20	3.78	SOUTH DAKOTA	1,199	232	530	3	1.29
TENNESSEE	49,694	1,582	87	117	7.40	TENNESSEE	8,235	2,323	773	74	3.19
TEXAS	142,336	4,724	91	280	5.93	TEXAS	50,375	19,397	1,055	226	1.17
UTAH	32,677	538	45	13	2.42	UTAH	3,690	1,281	951	30	2.34
VERMONT	8,765	391	122	14	3.58	VERMONT	565	205	992	2	0.98
VIRGINIA	33,598	2,882	235	88	3.05	VIRGINIA	9,219	4,079	1,212	33	0.81
WASHINGTON	47,044	494	29	48	9.72	WASHINGTON	10,261	704	188	43	6.11
WEST VIRGINIA	20,810	762	100	51	6.69	WEST VIRGINIA	1,896	288	416	8	2.78
WISCONSIN	67,600	1,856	75	112	6.03	WISCONSIN	9,376	4,302	1,257	28	0.65
WYOMING	22,565	238	29	9	3.78	WYOMING	827	121	401	4	3.31
SUBTOTAL	2,167,310	83,562	106	3,689	4.41	SUBTOTAL	436,116	140,266	881	2,627	1.87
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
RHODE ISLAND						RHODE ISLAND					
1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.											

# TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

## FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL				STATE	URBAN			
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	NONFATAL INJURY ACCIDENTS	
			NUMBER	RATE $\lambda$				NUMBER	RATE $\lambda$
COMPLETE DATA					COMPLETE DATA				
ALABAMA	626	2,983	490	16.43	231	2,381	28,239	651	27.34
ALASKA	1,049	830	455	54.82	42	225	14,677	349	155.11
ARIZONA	1,021	3,230	1,086	33.62	119	1,250	28,779	1,163	93.04
ARKANSAS	419	1,995	369	18.50	122	1,091	24,500	539	49.40
CALIFORNIA	1,425	9,666	2,345	24.26	955	36,699	105,283	11,112	30.28
COLORADO	767	2,659	1,094	41.14	159	3,108	53,554	2,020	64.99
CONNECTICUT	107	1,057	365	34.53	229	5,156	61,686	2,856	55.39
DELAWARE	-	-	-	-	41	753	50,317	152	20.19
DIST. OF COL.	-	-	-	-	12	363	82,877	239	65.84
FLORIDA	895	6,289	1,100	17.49	407	7,910	53,246	3,926	49.63
GEORGIA	903	7,293	1,422	19.50	316	7,130	61,817	3,160	44.32
HAWAII	5	67	54	80.60	30	830	75,799	763	91.93
IDAHO	534	1,164	390	33.51	72	381	14,498	144	37.80
ILLINOIS	1,252	5,358	1,366	25.49	466	9,448	55,547	6,248	66.13
INDIANA	848	4,179	1,288	30.82	284	3,648	37,858	623	17.08
IOWA	633	2,494	447	17.92	128	981	20,997	519	52.91
KANSAS	654	1,808	479	26.49	157	1,411	24,623	998	70.73
KENTUCKY	579	3,923	835	21.28	159	2,651	45,679	986	37.19
LOUISIANA	524	3,676	924	25.14	169	2,908	47,143	1,808	62.17
MAINE	275	1,332	297	22.30	37	499	36,949	1,889	37.88
MICHIGAN	714	3,950	2,239	56.68	415	7,210	47,599	4,006	55.56
MINNESOTA	696	2,004	274	13.67	182	3,167	47,674	1,652	52.16
MISSISSIPPI	565	2,121	235	11.08	121	997	22,574	250	25.08
MISSOURI	824	3,900	722	18.51	318	5,933	51,116	3,030	51.07
MONTANA	1,101	1,389	488	35.13	46	140	8,338	66	14.14
NEBRASKA	444	1,474	263	17.84	37	524	38,800	356	67.94
NEVADA	503	1,144	405	35.40	36	468	35,616	407	86.97
NEW HAMPSHIRE	164	884	96	10.86	43	448	28,544	169	37.72
NEW JERSEY	129	1,367	185	13.53	254	6,786	73,196	2,196	32.36
NEW YORK	864	4,181	2,238	53.53	629	10,543	45,922	7,004	66.43
NORTH CAROLINA	595	4,112	987	24.00	201	2,287	31,173	673	29.43
NORTH DAKOTA	533	732	109	14.89	38	130	9,373	44	33.85
OHIO	879	7,133	1,450	20.33	659	12,083	49,483	5,696	47.14
OKLAHOMA	726	3,049	446	14.63	200	2,895	39,658	1,361	47.01
OREGON	585	2,715	465	17.13	133	1,955	40,272	733	37.49
PENNSYLVANIA	1,170	6,600	1,928	29.21	357	5,358	41,119	2,504	46.73
SOUTH CAROLINA	673	3,421	341	9.97	111	1,250	30,853	355	28.40
SOUTH DAKOTA	636	1,189	276	23.21	41	154	10,291	62	40.26
TENNESSEE	783	5,076	849	16.73	248	3,914	43,239	1,780	45.48
TEXAS	2,279	10,802	2,701	25.00	847	18,763	60,691	14,787	78.81
UTAH	706	1,499	617	41.16	127	1,801	38,852	925	51.36
VERMONT	300	748	233	31.15	20	112	15,342	28	25.00
VIRGINIA	798	4,896	1,169	23.88	226	4,397	53,303	1,866	42.44
WASHINGTON	486	2,653	728	27.44	237	5,797	67,013	2,665	45.97
WEST VIRGINIA	389	1,547	335	21.65	91	763	22,972	320	41.94
WISCONSIN	466	2,423	733	30.25	112	1,773	43,371	992	55.95
WYOMING	855	1,363	710	52.09	49	141	7,884	68	48.23
SUBTOTAL	31,379	142,375	36,028	25.30	9,903	188,612	52,181	92,440	49.01
INCOMPLETE DATA									
MARYLAND									
MASSACHUSETTS									
NEW MEXICO									
RHODE ISLAND									
$\lambda$ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.									



# TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

## OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,871	6,509	3,037	3,384	51.99	ALABAMA	803	3,729	12,723	2,208	59.21
ALASKA	1,012	400	1,083	243	60.75	ALASKA	32	80	6,849	215	268.75
ARIZONA	3,312	3,322	2,748	1,589	47.83	ARIZONA	193	1,212	17,205	3,781	311.96
ARKANSAS	4,698	4,634	2,702	2,925	63.12	ARKANSAS	458	1,661	9,936	2,567	154.55
CALIFORNIA	9,648	18,752	5,325	9,997	53.31	CALIFORNIA	1,428	26,069	50,015	14,189	54.43
COLORADO	3,869	3,801	2,692	2,503	65.85	COLORADO	458	3,318	19,848	4,372	131.77
CONNECTICUT	689	1,741	6,923	1,752	100.63	CONNECTICUT	580	3,770	17,808	6,237	165.44
DELAWARE	332	1,382	11,405	1,768	55.57	DELAWARE	97	770	21,748	1,093	141.95
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	168	1,672	27,267	4,075	243.22
FLORIDA	5,977	12,980	5,950	8,890	68.49	FLORIDA	2,368	14,864	17,197	24,156	162.51
GEORGIA	8,646	9,586	3,038	6,370	66.45	GEORGIA	1,420	7,251	13,990	13,097	180.62
HAWAII	376	937	6,827	884	94.34	HAWAII	120	1,337	30,525	1,740	130.14
IDAHO	2,595	1,698	1,793	1,138	67.02	IDAHO	49	200	11,183	223	111.50
ILLINOIS	7,849	8,451	2,950	6,305	74.61	ILLINOIS	1,900	10,994	15,853	24,939	226.84
INDIANA	4,318	7,541	4,785	7,577	100.48	INDIANA	788	4,863	16,908	7,375	151.66
IOWA	8,153	6,133	2,061	3,542	57.75	IOWA	700	2,773	10,853	5,065	182.55
KANSAS	7,764	4,984	1,759	2,627	52.71	KANSAS	341	1,835	14,743	2,433	132.59
KENTUCKY	3,315	4,925	4,070	3,503	71.13	KENTUCKY	459	2,705	16,146	3,241	119.82
LOUISIANA	2,664	5,660	5,821	3,282	57.99	LOUISIANA	472	3,756	21,802	6,785	180.64
MAINE	1,824	2,376	3,569	1,690	71.13	MAINE	181	745	11,277	1,550	208.05
MICHIGAN	4,718	8,810	5,116	12,496	141.84	MICHIGAN	1,246	10,176	22,375	3,910	38.42
MINNESOTA	8,788	7,511	2,342	3,452	45.96	MINNESOTA	500	2,693	14,756	3,141	116.64
MISSISSIPPI	5,314	5,219	2,691	1,888	36.18	MISSISSIPPI	353	1,693	13,140	1,530	90.37
MISSOURI	6,357	7,250	3,125	3,586	49.46	MISSOURI	542	3,504	17,712	3,644	104.00
MONTANA	5,370	2,233	1,139	1,493	66.86	MONTANA	110	428	10,660	606	141.59
NEBRASKA	6,939	3,675	1,451	1,543	41.99	NEBRASKA	283	1,302	12,605	2,202	169.12
NEVADA	1,791	1,042	1,594	1,612	58.73	NEVADA	58	462	21,823	274	59.31
NEW HAMPSHIRE	964	1,831	5,204	759	41.45	NEW HAMPSHIRE	174	851	13,399	925	108.70
NEW JERSEY	815	2,923	9,826	2,387	81.66	NEW JERSEY	648	8,052	34,044	9,400	116.74
NEW YORK	6,423	9,201	3,925	20,532	223.15	NEW YORK	1,966	20,132	28,055	25,532	126.82
NORTH CAROLINA	3,754	7,821	5,708	4,384	56.05	NORTH CAROLINA	648	4,879	20,628	3,828	78.46
NORTH DAKOTA	5,408	1,729	876	576	33.31	NORTH DAKOTA	126	193	4,197	675	349.74
OHIO	4,847	8,624	4,875	7,027	81.48	OHIO	1,584	7,024	12,149	15,854	225.71
OKLAHOMA	4,874	5,363	3,015	1,948	36.32	OKLAHOMA	431	2,017	12,821	1,757	87.11
OREGON	4,604	4,521	2,690	2,859	63.24	OREGON	394	2,356	16,383	3,485	147.92
PENNSYLVANIA	7,933	14,550	5,025	12,703	87.31	PENNSYLVANIA	2,014	16,998	23,123	15,405	90.63
SOUTH CAROLINA	4,920	6,099	3,396	2,999	49.17	SOUTH CAROLINA	653	3,250	13,636	3,888	119.63
SOUTH DAKOTA	5,694	2,386	1,148	843	35.33	SOUTH DAKOTA	112	413	10,103	783	189.59
TENNESSEE	5,214	6,566	3,450	4,540	69.14	TENNESSEE	771	5,441	19,334	6,665	122.50
TEXAS	14,983	21,780	3,983	8,972	41.19	TEXAS	1,702	15,623	25,148	16,438	105.04
UTAH	2,463	1,593	1,772	950	59.64	UTAH	106	476	12,303	500	105.04
VERMONT	1,040	1,146	3,019	933	81.41	VERMONT	76	247	8,904	293	118.52
VIRGINIA	4,953	9,303	5,146	6,813	73.23	VIRGINIA	466	3,427	20,148	4,098	119.58
WASHINGTON	4,414	4,992	3,098	6,930	138.82	WASHINGTON	634	4,338	18,746	4,944	113.97
WEST VIRGINIA	2,277	3,040	3,658	3,483	114.57	WEST VIRGINIA	193	901	12,790	1,342	148.95
WISCONSIN	7,977	9,478	3,255	5,640	59.51	WISCONSIN	861	4,460	14,192	6,434	144.56
WYOMING	2,871	1,388	1,325	704	50.72	WYOMING	125	368	8,066	479	130.16
SUBTOTAL	218,617	265,886	3,332	190,021	71.47	SUBTOTAL	29,791	215,308	19,801	267,373	124.18
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
RHODE ISLAND						RHODE ISLAND					
1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											



**TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984**  
**FEDERAL-AID URBAN HIGHWAYS**

STATE	ARTERIAL				STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		
				NUMBER					RATE $\lambda$	NUMBER	RATE $\lambda$
COMPLETE DATA					COMPLETE DATA						
ALABAMA	1,454	4,268	7,987	3,465	81.19	1,062	1,005	2,593	2,302	229.05	
ALASKA	1,777	532	18,929	1,406	264.29	156	108	1,897	394	364.81	
ARIZONA	1,126	4,572	11,124	16,665	364.50	488	961	5,395	1,541	160.35	
ARKANSAS	820	1,423	4,754	2,559	179.83	279	158	1,552	702	444.30	
CALIFORNIA	11,803	58,712	13,628	96,381	164.16	4,636	5,545	3,277	7,402	133.49	
COLORADO	1,682	4,589	7,475	9,466	206.28	546	893	4,481	1,679	188.02	
CONNECTICUT	1,228	3,750	8,366	10,297	274.59	1,719	1,446	2,305	4,660	322.27	
DELAWARE	157	637	11,116	1,222	191.84	148	266	4,924	351	131.95	
DIST. OF COL.	93	411	12,108	2,376	578.10	146	369	6,924	1,968	533.33	
FLORIDA	1,708	12,784	20,506	23,971	187.51	3,854	5,623	3,997	259	4.61	
GEORGIA	1,934	5,583	7,909	7,158	128.21	1,675	1,770	2,895	5,132	289.94	
HAWAII	148	925	17,123	591	63.89	167	405	6,644	115	28.40	
IDAHO	436	1,210	7,603	2,078	171.74	280	225	2,202	369	164.00	
ILLINOIS	3,570	14,194	10,893	29,441	207.42	3,053	6,139	5,509	12,019	195.78	
INDIANA	3,001	6,635	6,057	10,115	152.45	1,856	1,358	2,005	1,800	132.55	
IOWA	1,435	1,823	3,481	3,517	192.92	952	630	1,813	985	156.35	
KANSAS	1,077	2,198	5,591	5,110	232.48	480	280	1,598	462	165.00	
KENTUCKY	1,086	3,496	8,820	6,412	183.41	758	1,107	4,001	1,805	163.05	
LOUISIANA	1,148	3,958	9,446	6,945	175.47	774	1,038	3,674	167	16.09	
MAINE	347	384	3,032	694	180.73	345	176	1,398	364	206.82	
MICHIGAN	2,911	13,066	12,297	11,018	84.33	1,920	5,500	7,848	1,412	25.67	
MINNESOTA	1,472	5,215	9,706	7,976	152.94	575	557	2,654	845	151.71	
MISSISSIPPI	940	1,742	5,077	2,174	124.80	746	649	2,383	725	111.71	
MISSOURI	1,805	6,516	9,890	8,489	130.28	549	605	3,019	680	112.40	
MONTANA	235	564	6,575	1,313	232.80	92	60	1,787	16	26.67	
NEBRASKA	649	1,530	6,459	4,455	291.18	406	400	2,699	947	236.75	
NEVADA	443	2,069	12,796	4,066	196.52	68	166	6,688	199	119.88	
NEW HAMPSHIRE	384	947	6,757	1,844	194.72	331	300	2,483	545	181.67	
NEW JERSEY	3,540	12,065	9,338	31,768	263.31	1,812	2,995	4,528	6,453	215.46	
NEW YORK	5,172	19,349	10,250	39,300	203.11	3,516	4,429	3,451	5,714	129.01	
NORTH DAKOTA	206	575	7,647	656	114.09	189	147	2,131	249	169.39	
OHIO	3,545	9,707	7,502	28,774	296.43	3,974	3,256	2,245	13,769	422.88	
OKLAHOMA	2,235	6,414	7,862	7,506	117.03	735	723	2,695	751	103.87	
OREGON	1,075	2,932	7,472	7,494	255.59	921	899	2,674	1,987	221.02	
PENNSYLVANIA	3,775	8,173	5,932	16,509	201.99	3,089	4,050	3,592	2,949	72.81	
SOUTH CAROLINA	658	2,317	9,647	3,130	135.09	514	704	3,752	731	103.84	
SOUTH DAKOTA	263	376	3,917	502	133.51	102	64	1,719	88	137.50	
TENNESSEE	1,491	5,702	10,477	9,531	167.15	1,239	1,484	3,281	2,495	168.13	
TEXAS	5,786	21,175	10,027	20,381	96.25	1,507	1,512	2,749	121	8.00	
UTAH	517	2,477	13,126	5,063	204.40	318	719	6,195	1,299	180.67	
VERMONT	139	396	7,805	505	127.53	132	124	2,574	208	167.74	
VIRGINIA	1,927	8,177	11,626	19,386	237.08	1,057	1,394	3,613	2,772	198.85	
WASHINGTON	2,190	7,368	9,217	8,957	121.57	1,677	1,900	3,104	11,268	593.05	
WEST VIRGINIA	390	1,157	8,128	188.50	188.50	403	480	3,263	325	67.71	
WISCONSIN	2,067	5,102	6,762	3,560	69.78	820	656	2,192	846	128.96	
WYOMING	219	382	4,779	351	91.88	233	171	2,011	190	111.11	
SUBTOTAL	78,374	277,577	9,703	406,758	175.36	50,299	63,446	3,456	102,060	160.86	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
NORTH CAROLINA											
RHODE ISLAND											
$\lambda$ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											

**TABLE 4-D. NONFATAL INJURY ACCIDENTS  
BY STATE AND HIGHWAY SYSTEM - 1984  
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL			
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY
				ACCIDENTS NUMBER RATE 1/
COMPLETE DATA				
ALABAMA	11,252	3,830	933	2,166 56.55
ALASKA	1,801	529	805	343 64.84
ARIZONA	3,149	1,602	1,394	1,116 69.66
ARKANSAS	7,054	1,427	554	1,025 71.83
CALIFORNIA	11,200	6,682	1,635	15,966 238.94
COLORADO	3,387	1,911	1,546	1,006 52.64
CONNECTICUT	896	1,052	3,217	1,380 131.18
DELAWARE	605	485	2,196	408 84.12
DIST. OF COL.	-	-	-	-
FLORIDA	4,701	2,761	1,609	7,260 262.95
GEORGIA	14,004	5,172	1,012	3,476 67.21
HAWAII	447	343	2,102	374 109.04
IDAHO	3,989	1,279	878	913 71.38
ILLINOIS	12,921	3,431	727	3,751 109.33
INDIANA	9,295	5,720	1,686	4,099 81.66
IOWA	13,375	2,384	488	2,016 84.56
KANSAS	22,552	2,271	276	1,898 83.58
KENTUCKY	7,225	4,134	1,568	4,731 114.44
LOUISIANA	7,412	5,390	1,992	5,438 100.89
MAINE	2,728	1,302	1,308	1,174 90.17
MICHIGAN	19,019	8,791	1,266	575 6.54
MINNESOTA	16,451	3,324	554	2,348 70.64
MISSISSIPPI	11,744	3,030	707	1,065 35.15
MISSOURI	18,129	4,673	706	3,992 85.43
MONTANA	4,739	468	271	408 87.18
NEBRASKA	11,413	1,127	271	883 78.35
NEVADA	2,331	698	820	460 65.90
NEW HAMPSHIRE	1,233	870	1,933	572 65.75
NEW JERSEY	1,721	2,494	3,970	2,788 111.79
NEW YORK	6,330	4,403	1,906	13,528 307.24
NORTH CAROLINA	10,380	8,657	2,285	7,440 85.54
NORTH DAKOTA	10,492	645	168	357 55.35
OHIO	11,737	7,480	1,746	9,198 122.97
OKLAHOMA	9,718	3,358	947	1,359 40.47
OREGON	7,767	1,703	601	1,801 105.75
PENNSYLVANIA	8,123	5,345	1,803	6,204 116.07
SOUTH CAROLINA	8,501	3,939	1,269	2,272 57.68
SOUTH DAKOTA	11,261	831	202	424 50.66
TENNESSEE	5,345	1,773	909	3,424 193.12
TEXAS	32,666	13,222	1,109	8,939 67.61
UTAH	2,603	691	727	586 84.80
VERMONT	1,947	873	1,228	833 95.42
VIRGINIA	10,313	4,932	1,310	6,302 127.78
WASHINGTON	7,213	4,267	1,621	1,107 25.94
WEST VIRGINIA	6,360	3,395	1,462	4,302 126.72
WISCONSIN	11,822	3,707	859	5,949 160.48
WYOMING	2,271	400	483	282 70.50
SUBTOTAL	389,622	146,801	1,032	145,935 99.41
INCOMPLETE DATA				
MARYLAND				
MASSACHUSETTS				
NEW MEXICO				
RHODE ISLAND				
1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.				

# TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

## NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	-	-	-	-	ALABAMA	246	775	8,631	289	37.29	
ALASKA	2	1	1,370	15	ALASKA	-	-	-	-	-	63.74
ARIZONA	19	18	2,596	7	ARIZONA	25	91	9,973	58	260.63	
ARKANSAS	427	231	1,482	272	ARKANSAS	418	442	2,897	1,152	143.21	
CALIFORNIA	16	30	5,137	135	CALIFORNIA	1,352	3,719	7,536	5,326	97.85	
COLORADO	-	-	-	-	COLORADO	40	93	6,370	91	119.02	
CONNECTICUT	9	18	5,479	23	CONNECTICUT	42	184	12,003	219	169.52	
DELAWARE	-	-	-	-	DELAWARE	-	-	-	-	45.98	
DIST. OF COL.	-	-	-	-	DIST. OF COL.	11	105	26,152	178	113.51	
FLORIDA	409	1,294	8,668	801	FLORIDA	249	1,594	17,539	733	376.19	
GEORGIA	-	-	-	-	GEORGIA	-	-	-	-	388.00	
HAWAII	15	27	4,932	22	HAWAII	8	37	12,671	42	0.00	
IDAHO	-	-	-	-	IDAHO	53	21	1,086	79	285.19	
ILLINOIS	-	-	-	-	ILLINOIS	50	50	2,740	194	30.09	
INDIANA	35	75	5,871	155	INDIANA	12	196	44,749	0	178.62	
IOWA	-	-	-	-	IOWA	-	-	-	-	124.85	
KANSAS	48	65	3,710	34	KANSAS	218	628	7,892	1,791	430.00	
KENTUCKY	-	-	-	-	KENTUCKY	-	-	-	-	82.97	
LOUISIANA	-	-	-	-	LOUISIANA	423	1,100	7,125	331	124.29	
MAINE	40	149	10,205	41	MAINE	13	608	128,135	1,086	70.33	
MASSACHUSETTS	-	-	-	-	MICHIGAN	162	338	5,716	1,587	53.77	
MICHIGAN	-	-	-	-	MINNESOTA	48	40	2,283	0	50.83	
MINNESOTA	-	-	-	-	MISSISSIPPI	-	-	-	0	0.00	
MISSISSIPPI	-	-	-	-	MISSOURI	536	1,362	6,962	1,130	0.00	
MISSOURI	249	27	297	6	MISSOURI	35	70	5,479	87	82.97	
MONTANA	9	7	2,131	27	MONTANA	-	-	-	-	124.29	
MONTANA	70	17	665	1	NEBRASKA	-	-	-	-	70.33	
NEBRASKA	-	-	-	-	NEVADA	21	91	11,872	64	53.77	
NEVADA	1	4	10,959	11	NEW HAMPSHIRE	19	106	15,285	57	50.83	
NEW HAMPSHIRE	34	59	4,754	26	NEW JERSEY	261	3,122	32,772	1,587	0.00	
NEW JERSEY	113	987	23,930	446	NEW YORK	113	437	10,595	0	0.00	
NEW MEXICO	-	-	-	-	NORTH DAKOTA	1	1	2,740	0	0.00	
NEW YORK	-	-	-	-	OHIO	-	-	-	-	52.31	
NORTH DAKOTA	-	-	-	-	OKLAHOMA	169	130	2,107	68	28.48	
OHIO	-	-	-	-	OREGON	69	165	6,552	47	173.36	
OKLAHOMA	222	323	3,986	0	PENNSYLVANIA	-	-	-	-	1,980.00	
OREGON	187	116	1,700	114	RHODE ISLAND	-	-	-	-	26.35	
PENNSYLVANIA	-	-	-	-	RHODE ISLAND	-	-	-	-	104.08	
RHODE ISLAND	-	-	-	-	SOUTH CAROLINA	292	473	4,438	820	7.51	
SOUTH CAROLINA	-	-	-	-	SOUTH DAKOTA	8	5	1,712	99	0.00	
SOUTH DAKOTA	-	-	-	-	TENNESSEE	-	-	-	-	96.72	
TENNESSEE	14	9	1,761	2	TEXAS	1,862	4,345	6,393	1,145	0.00	
TEXAS	-	-	-	-	UTAH	49	49	2,740	51	83.74	
UTAH	2	8	10,959	5	VERMONT	-	-	-	-	7.51	
VERMONT	-	-	-	-	VIRGINIA	70	373	14,599	28	0.00	
VIRGINIA	-	-	-	-	WASHINGTON	11	1	249	0	0.00	
WASHINGTON	311	249	2,194	0	WEST VIRGINIA	-	-	-	-	96.72	
WEST VIRGINIA	-	-	-	-	WISCONSIN	152	305	5,497	295	0.00	
WISCONSIN	-	-	-	-	WYOMING	7	11	4,305	0	0.00	
WYOMING	-	-	-	-	SUBTOTAL	7,045	21,067	8,193	17,641	83.74	
SUBTOTAL	2,483	3,815	4,209	2,233	INCOMPLETE DATA	-	-	-	-	-	
INCOMPLETE DATA	-	-	-	-	MARYLAND	-	-	-	-	-	
MARYLAND	-	-	-	-	MASSACHUSETTS	-	-	-	-	-	
MASSACHUSETTS	-	-	-	-	NEW MEXICO	-	-	-	-	-	
NEW MEXICO	-	-	-	-	NORTH CAROLINA	-	-	-	-	-	
NORTH CAROLINA	-	-	-	-		-	-	-	-	-	
1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											



TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,035	1,004	391	1,083	107.87	ALABAMA	508	727	3,921	1,536	211.28
ALASKA	867	154	487	149	96.75	ALASKA	55	92	4,583	107	116.30
ARIZONA	4,747	716	413	254	35.47	ARIZONA	436	589	3,701	1,251	212.39
ARKANSAS	11,830	1,596	370	1,214	76.07	ARKANSAS	713	293	1,126	1,234	421.16
CALIFORNIA	11,770	3,466	807	10,300	297.17	CALIFORNIA	2,602	3,119	3,284	4,993	160.08
COLORADO	15,975	2,569	441	1,662	64.69	COLORADO	608	47	212	124	263.83
CONNECTICUT	1,205	513	1,166	754	146.98	CONNECTICUT	187	161	2,359	391	242.86
DELAWARE	159	50	862	68	136.00	DELAWARE	26	14	1,475	31	221.43
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	4	11	7,534	41	372.73
FLORIDA	5,498	1,460	728	2,868	196.44	FLORIDA	424	2,526	16,322	51	2.02
GEORGIA	7,321	724	271	2,360	325.97	GEORGIA	-	-	-	-	-
HAWAII	131	147	3,074	91	61.90	HAWAII	8	21	7,192	0	0.00
IDAHO	4,856	365	206	115	31.51	IDAHO	107	67	1,716	65	97.01
ILLINOIS	4,919	1,648	918	1,180	71.60	ILLINOIS	207	125	1,654	464	371.20
INDIANA	10,668	1,668	428	1,005	60.25	INDIANA	66	42	1,743	0	0.00
IOWA	16,473	703	117	736	104.69	IOWA	83	40	1,320	0	0.00
KANSAS	9,405	259	75	236	91.12	KANSAS	294	329	3,066	456	138.60
KENTUCKY	9,344	1,663	488	2,168	130.37	KENTUCKY	132	110	2,283	252	229.09
LOUISIANA	4,269	1,257	807	1,273	101.27	LOUISIANA	342	212	1,698	47	22.17
MAINE	2,805	713	696	940	131.84	MAINE	31	127	11,224	265	208.66
MICHIGAN	7,829	1,669	584	6,791	406.89	MICHIGAN	2,004	680	1,930	982	144.41
MINNESOTA	12,085	1,019	231	766	75.17	MINNESOTA	1,162	1,586	3,739	2,853	179.89
MISSISSIPPI	2,874	252	240	55	21.83	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,456	295	148	284	96.27	MISSOURI	836	946	3,100	97	10.25
MONTANA	11,353	626	151	417	66.61	MONTANA	120	87	1,986	0	0.00
NEBRASKA	9,291	273	81	320	117.22	NEBRASKA	-	-	-	-	-
NEVADA	2,486	150	165	83	55.33	NEVADA	343	369	2,947	537	145.53
NEW HAMPSHIRE	1,231	322	717	232	72.05	NEW HAMPSHIRE	9	13	3,957	7	53.85
NEW JERSEY	1,288	1,123	2,389	1,056	94.03	NEW JERSEY	95	30	865	111	370.00
NEW YORK	10,916	3,891	977	13,294	341.66	NEW YORK	394	185	1,286	446	241.08
NORTH DAKOTA	8,099	219	74	114	52.05	NORTH DAKOTA	23	16	1,906	30	187.50
OHIO	7,451	2,832	1,041	2,828	99.86	OHIO	-	-	-	-	-
OKLAHOMA	14,832	1,392	257	219	15.73	OKLAHOMA	463	310	1,834	311	100.32
OREGON	9,313	1,074	316	362	33.71	OREGON	191	184	2,639	201	109.24
PENNSYLVANIA	8,887	2,374	732	3,402	143.30	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,012	507	346	287	56.61	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,321	154	58	112	72.73	SOUTH CAROLINA	619	379	1,677	459	121.11
TENNESSEE	11,089	2,662	658	311	11.68	SOUTH DAKOTA	50	59	3,233	69	116.95
TEXAS	20,672	2,900	305	1,399	60.83	TENNESSEE	-	-	-	-	-
UTAH	4,841	322	182	171	53.11	TEXAS	3,786	4,086	2,957	46	1.13
VERMONT	1,023	161	431	185	114.91	UTAH	267	215	2,206	502	233.49
VIRGINIA	2,369	390	451	622	159.49	VERMONT	-	-	-	-	-
WASHINGTON	6,524	1,715	720	150	8.75	VIRGINIA	28	28	2,740	39	139.29
WEST VIRGINIA	2,175	336	423	395	117.56	WASHINGTON	2	19	1,859	161	847.37
WISCONSIN	6,563	886	370	411	46.39	WEST VIRGINIA	534	419	2,740	0	0.00
WYOMING	7,884	415	144	167	40.24	WISCONSIN	37	28	2,150	566	135.08
SUBTOTAL	317,141	48,034	415	62,889	130.93	WYOMING	17,824	18,293	2,073	0	0.00
INCOMPLETE DATA						SUBTOTAL					
MARYLAND						INCOMPLETE DATA					
MASSACHUSETTS						MARYLAND					
NEW MEXICO						MASSACHUSETTS					
NORTH CAROLINA						NEW MEXICO					
RHODE ISLAND						NORTH CAROLINA					

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1984

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	48,447	2,890	163	1,083	37.47	10,015	2,860	782	6,260	218.88	
ALASKA	3,199	380	200	1,016	267.37	1,259	258	561	52	20.16	
ARIZONA	55,065	1,660	83	3,440	207.23	6,437	1,390	592	4,625	332.73	
ARKANSAS	45,039	1,053	64	1,210	114.91	4,768	617	355	2,734	443.11	
CALIFORNIA	74,047	5,965	221	13,777	230.96	42,123	18,113	1,178	16,496	91.07	
COLORADO	41,202	570	38	1,121	196.67	7,033	1,030	401	2,228	216.31	
CONNECTICUT	5,983	608	278	1,353	222.53	6,705	1,620	662	4,090	252.47	
DELAWARE	2,681	394	403	681	172.84	1,056	387	1,004	447	115.50	
DIST. OF COL.	-	-	-	-	-	668	283	1,004	447	115.50	
FLORIDA	50,038	3,205	175	20,143	628.49	22,456	12,185	1,161	816	288.33	
GEORGIA	55,740	2,055	101	2,176	105.89	13,574	3,922	792	3,539	90.23	
HAWAII	1,659	452	746	34	7.52	943	977	2,839	3,903	399.49	
IDAHO	54,691	1,070	54	1,134	105.98	954	88	253	901	1,023.86	
ILLINOIS	76,760	3,318	118	4,076	122.85	21,535	6,754	859	26,644	394.49	
INDIANA	48,734	1,837	103	5,498	299.29	11,682	3,312	777	6,471	195.38	
IOWA	65,222	1,467	62	1,144	77.98	5,245	1,069	558	1,407	131.62	
KANSAS	83,351	1,231	40	1,907	154.91	5,866	1,418	662	3,168	223.41	
KENTUCKY	41,398	1,806	120	2,708	149.94	4,884	1,431	803	2,971	207.62	
LOUISIANA	31,030	1,744	154	4,274	245.07	8,896	889	274	13,843	1,557.14	
MAINE	11,909	704	162	2,037	289.35	1,403	230	449	433	188.26	
MICHIGAN	60,033	1,260	58	17,933	1,423.25	16,572	2,020	334	38,926	1,927.03	
MINNESOTA	80,410	2,423	83	701	28.93	9,186	2,287	682	2,985	130.52	
MISSISSIPPI	43,581	1,207	76	887	73.49	4,793	1,505	860	1,143	75.95	
MISSOURI	73,285	2,621	98	4,982	190.08	10,241	923	247	11,981	1,298.05	
MONTANA	46,580	563	33	1,217	216.16	1,635	741	1,242	94	12.69	
NEBRASKA	59,005	1,135	53	1,326	116.83	3,497	528	414	1,027	194.51	
NEVADA	33,699	265	22	129	48.68	2,045	404	541	875	216.58	
NEW HAMPSHIRE	8,483	454	147	1,043	229.74	1,448	209	395	641	306.70	
NEW JERSEY	7,452	773	284	1,797	232.47	15,751	9,595	1,669	10,281	107.15	
NEW YORK	48,516	3,750	212	23,347	622.59	25,041	6,767	740	29,932	442.32	
NORTH DAKOTA	59,821	720	33	399	55.42	1,031	270	717	422	156.30	
OHIO	56,726	6,769	327	8,743	129.16	20,377	9,987	1,343	19,017	190.42	
OKLAHOMA	67,538	1,823	74	2,202	120.79	8,068	3,184	1,081	4,433	139.23	
OREGON	104,018	1,426	38	691	48.46	5,665	897	434	2,358	262.88	
PENNSYLVANIA	60,946	5,435	244	6,296	115.84	19,585	5,414	757	22,510	415.77	
SOUTH CAROLINA	36,466	2,720	204	1,859	68.35	5,920	912	422	1,786	195.83	
SOUTH DAKOTA	46,696	529	31	567	107.18	1,199	232	530	445	191.81	
TENNESSEE	49,694	1,582	87	3,307	209.04	8,235	2,323	773	6,966	299.87	
TEXAS	142,336	4,724	91	10,426	220.70	50,375	19,397	1,055	60,183	310.27	
UTAH	32,677	538	45	532	98.88	3,690	1,281	951	2,219	178.06	
VERMONT	8,765	391	122	617	157.80	566	205	992	219	106.83	
VIRGINIA	33,598	2,882	235	3,727	129.32	9,219	4,079	1,212	4,972	121.89	
WASHINGTON	47,044	494	29	1,057	213.97	10,261	788	188	4,109	583.66	
WEST VIRGINIA	20,810	762	100	3,418	448.56	1,896	288	416	735	255.21	
WISCONSIN	67,600	1,856	75	4,332	233.41	9,376	4,302	1,257	10,480	243.61	
WYOMING	22,565	238	29	401	168.49	827	121	401	308	254.55	
SUBTOTAL	2,116,539	79,749	103	170,748	214.11	424,001	137,408	888	375,178	273.04	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
NORTH CAROLINA											
RHODE ISLAND											
1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											

# TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984

## FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE $\lambda$					NUMBER	RATE $\lambda$
COMPLETE DATA						COMPLETE DATA					
ALABAMA	625	2,983	13,055	53	1.78	ALABAMA	231	2,381	28,239	21	0.88
ALASKA	1,049	830	2,168	29	3.49	ALASKA	42	1,225	14,677	9	4.00
ARIZONA	1,021	3,230	8,667	103	3.19	ARIZONA	119	1,250	28,779	23	1.84
ARKANSAS	419	1,995	13,045	23	1.15	ARKANSAS	122	1,091	24,500	18	1.65
CALIFORNIA	1,425	9,666	18,584	235	2.43	CALIFORNIA	955	36,699	105,283	290	0.79
COLORADO	767	2,659	9,498	60	2.26	COLORADO	159	3,108	53,554	32	1.03
CONNECTICUT	107	1,057	27,064	10	0.95	CONNECTICUT	229	5,156	61,686	65	1.26
DELAWARE	-	-	-	-	-	DELAWARE	41	753	50,317	11	1.46
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	363	82,877	7	1.93
FLORIDA	895	6,289	19,252	79	1.26	FLORIDA	407	7,910	53,246	123	1.55
GEORGIA	903	7,293	22,127	87	1.19	GEORGIA	316	7,130	61,817	63	0.88
HAWAII	5	67	36,712	1	1.49	HAWAII	30	830	75,799	4	0.48
IDAHO	534	1,164	5,972	28	2.41	IDAHO	72	381	14,498	2	0.52
ILLINOIS	1,252	5,358	11,725	47	0.88	ILLINOIS	466	9,448	55,547	85	0.90
INDIANA	848	4,179	13,502	56	1.34	INDIANA	264	3,648	37,858	26	0.71
IOWA	633	2,494	10,794	14	0.56	IOWA	128	981	20,997	15	1.53
KANSAS	654	1,808	7,574	23	1.27	KANSAS	157	1,411	24,623	24	1.70
KENTUCKY	579	3,923	18,563	52	1.33	KENTUCKY	159	2,651	45,679	33	1.24
LOUISIANA	524	3,676	19,220	47	1.28	LOUISIANA	169	2,908	47,143	32	1.10
MAINE	275	1,332	13,270	6	0.45	MAINE	37	499	36,949	2	0.40
MICHIGAN	714	3,950	15,157	44	1.11	MICHIGAN	415	7,210	47,599	64	0.89
MINNESOTA	696	2,004	7,889	16	0.80	MINNESOTA	182	3,167	47,674	7	0.22
MISSISSIPPI	565	2,121	10,285	27	1.27	MISSISSIPPI	121	997	22,574	14	1.40
MISSOURI	824	3,900	12,967	37	0.95	MISSOURI	318	5,933	51,116	82	1.38
MONTANA	1,101	1,389	3,456	41	2.95	MONTANA	46	140	8,338	2	1.43
NEBRASKA	444	1,474	9,095	18	1.22	NEBRASKA	37	524	38,800	8	1.53
NEVADA	503	1,144	6,231	52	4.55	NEVADA	36	468	35,616	10	2.14
NEW HAMPSHIRE	164	884	14,768	11	1.24	NEW HAMPSHIRE	43	448	28,544	4	0.89
NEW JERSEY	129	1,367	29,033	9	0.66	NEW JERSEY	254	6,786	73,196	45	0.66
NEW YORK	864	4,181	13,258	31	0.74	NEW YORK	629	10,543	45,922	116	1.10
NORTH CAROLINA	595	4,112	18,934	49	1.19	NORTH CAROLINA	201	2,287	31,173	27	1.18
NORTH DAKOTA	533	732	3,763	8	1.09	NORTH DAKOTA	38	130	9,373	1	0.77
OHIO	879	7,133	22,233	41	0.57	OHIO	669	12,083	49,483	92	0.76
OKLAHOMA	726	3,049	11,506	65	2.13	OKLAHOMA	200	2,895	39,658	44	1.52
OREGON	585	2,715	12,715	32	1.18	OREGON	133	1,955	40,272	20	1.02
PENNSYLVANIA	1,170	6,600	15,455	66	1.00	PENNSYLVANIA	357	5,358	41,119	58	1.08
SOUTH CAROLINA	673	3,421	13,927	41	1.20	SOUTH CAROLINA	111	1,250	30,853	15	1.20
SOUTH DAKOTA	636	1,189	5,122	13	1.09	SOUTH DAKOTA	41	154	10,291	0	0.00
TENNESSEE	783	5,076	17,761	72	1.42	TENNESSEE	248	3,914	43,239	48	1.23
TEXAS	2,279	10,802	12,986	243	2.25	TEXAS	847	18,763	60,691	336	1.79
UTAH	706	1,499	5,817	57	3.80	UTAH	127	1,801	38,852	23	1.28
VERMONT	300	748	6,831	12	1.60	VERMONT	20	112	15,342	1	0.89
VIRGINIA	798	4,896	16,809	55	1.12	VIRGINIA	226	4,397	53,303	54	1.23
WASHINGTON	486	2,653	14,956	35	1.32	WASHINGTON	237	5,797	67,013	37	0.64
WEST VIRGINIA	389	1,547	10,896	16	1.03	WEST VIRGINIA	91	763	22,972	6	0.79
WISCONSIN	466	2,423	14,245	25	1.03	WISCONSIN	112	1,773	43,371	8	0.45
WYOMING	855	1,363	4,368	30	2.20	WYOMING	49	141	7,884	3	2.13
SUBTOTAL	31,379	142,375	12,431	2,099	1.47	SUBTOTAL	9,903	188,612	52,181	2,010	1.07
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
RHODE ISLAND						RHODE ISLAND					
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.											



**TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984**  
**OTHER FEDERAL-AID PRIMARY HIGHWAYS**

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	5,871	6,509	3,037	333	5.12	ALABAMA	803	3,729	12,723	53	1.42
ALASKA	1,012	400	1,083	9	2.25	ALASKA	32	80	6,849	5	6.25
ARIZONA	3,312	3,322	2,748	192	5.78	ARIZONA	193	1,212	17,205	49	4.04
ARKANSAS	4,698	4,634	2,702	181	3.91	ARKANSAS	458	1,661	9,936	28	1.69
CALIFORNIA	9,648	18,752	5,325	883	4.71	CALIFORNIA	1,428	26,069	50,015	373	1.43
COLORADO	3,869	3,801	2,692	193	4.81	COLORADO	458	3,318	19,848	46	1.39
CONNECTICUT	689	1,741	6,923	46	2.64	CONNECTICUT	580	3,770	17,808	69	1.83
DELAWARE	332	1,382	11,405	34	2.46	DELAWARE	97	770	21,748	19	2.47
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	168	1,672	27,267	35	2.09
FLORIDA	5,977	12,980	5,950	570	4.39	FLORIDA	2,368	14,864	17,197	408	2.74
GEORGIA	8,646	9,586	3,038	364	3.80	GEORGIA	1,420	7,251	13,990	184	2.54
HAWAII	376	937	6,827	32	3.42	HAWAII	120	1,337	30,525	37	2.77
IDAHO	2,595	1,698	1,793	76	4.48	IDAHO	49	200	11,183	6	3.00
ILLINOIS	7,849	8,451	2,950	295	3.49	ILLINOIS	1,900	10,994	15,853	252	2.29
INDIANA	4,318	7,541	4,785	223	2.96	INDIANA	788	4,863	16,908	88	1.81
IOWA	8,153	6,133	2,061	155	2.53	IOWA	700	2,773	10,853	40	1.44
KANSAS	7,764	4,984	1,759	179	3.59	KANSAS	341	1,835	14,743	26	1.42
KENTUCKY	3,315	4,925	4,070	179	3.63	KENTUCKY	459	2,705	16,146	33	1.22
LOUISIANA	2,664	5,660	5,821	222	3.92	LOUISIANA	472	3,756	21,802	72	1.92
MAINE	1,824	2,376	3,569	65	2.74	MAINE	181	745	11,277	10	1.34
MICHIGAN	4,718	8,810	5,116	246	2.79	MICHIGAN	1,246	10,176	22,375	157	1.54
MINNESOTA	8,788	7,511	2,342	193	2.57	MINNESOTA	500	2,693	14,756	54	2.01
MISSISSIPPI	5,314	5,219	2,691	190	3.64	MISSISSIPPI	353	1,693	13,140	67	3.96
MISSOURI	6,357	7,250	3,125	263	3.63	MISSOURI	542	3,504	17,712	51	1.46
MONTANA	5,370	2,233	1,139	109	4.88	MONTANA	110	428	10,660	12	2.80
NEBRASKA	6,939	3,675	1,451	110	2.99	NEBRASKA	283	1,302	12,605	14	1.08
NEVADA	1,791	1,042	1,594	51	4.89	NEVADA	58	462	21,823	9	1.95
NEW HAMPSHIRE	964	1,831	5,204	56	3.06	NEW HAMPSHIRE	174	851	13,399	8	0.94
NEW JERSEY	815	2,923	9,826	97	3.32	NEW JERSEY	648	8,052	34,044	138	1.71
NEW YORK	6,423	9,201	3,925	318	3.46	NEW YORK	1,966	20,132	28,055	338	1.68
NORTH CAROLINA	3,754	7,821	5,708	218	2.79	NORTH CAROLINA	648	4,879	20,628	95	1.95
NORTH DAKOTA	5,408	1,729	876	37	2.14	NORTH DAKOTA	126	193	4,197	5	2.59
OHIO	4,847	8,624	4,875	269	3.12	OHIO	1,584	7,024	12,149	149	2.12
OKLAHOMA	4,874	5,363	3,015	229	4.27	OKLAHOMA	431	2,017	12,821	37	1.83
OREGON	4,604	4,521	2,690	218	4.82	OREGON	394	2,356	16,383	56	2.38
PENNSYLVANIA	7,933	14,550	5,025	478	3.29	PENNSYLVANIA	2,014	16,998	23,123	251	1.48
SOUTH CAROLINA	4,920	6,099	3,396	274	4.49	SOUTH CAROLINA	653	3,250	13,636	72	2.22
SOUTH DAKOTA	5,694	2,386	1,148	52	2.18	SOUTH DAKOTA	112	413	10,103	8	1.94
TENNESSEE	5,214	6,566	3,450	311	4.74	TENNESSEE	771	5,441	19,334	116	2.13
TEXAS	14,983	21,780	3,983	780	3.58	TEXAS	1,702	15,623	25,148	297	1.90
UTAH	2,463	1,593	1,772	64	4.02	UTAH	106	476	12,303	13	2.73
VERMONT	1,040	1,146	3,019	37	3.23	VERMONT	76	247	8,904	5	2.02
VIRGINIA	4,953	9,303	5,146	300	3.22	VIRGINIA	466	3,427	20,148	57	1.66
WASHINGTON	4,414	4,992	3,098	136	2.72	WASHINGTON	634	4,338	18,746	83	1.91
WEST VIRGINIA	2,277	3,040	3,658	165	5.43	WEST VIRGINIA	193	901	12,790	19	2.11
WISCONSIN	2,977	9,478	3,255	334	3.52	WISCONSIN	861	4,460	14,192	73	1.64
WYOMING	2,871	1,388	1,325	63	4.54	WYOMING	125	368	8,066	4	1.09
SUBTOTAL	218,617	265,886	3,332	9,819	3.69	SUBTOTAL	29,791	215,308	19,801	4,021	1.87
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
RHODE ISLAND						RHODE ISLAND					
1/ FATALITIES PER 100 MILLION VEHICLE MILES.											

# TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984

## FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		
				NUMBER					RATE $\lambda$	NUMBER	RATE $\lambda$
COMPLETE DATA					COMPLETE DATA						
ALABAMA	1,464	4,268	7,987	66	1.55	1,062	1,005	2,593	34	3.38	
ALASKA	1,777	5,322	18,929	27	5.08	156	108	1,897	11	10.19	
ARIZONA	1,126	4,572	11,124	210	4.59	488	961	5,395	19	1.98	
ARKANSAS	820	1,423	4,754	27	1.90	279	158	1,552	5	3.16	
CALIFORNIA	11,803	58,712	13,628	1,762	3.00	4,636	5,545	3,277	128	2.31	
COLORADO	1,682	4,589	7,475	101	2.20	546	893	4,481	12	1.34	
CONNECTICUT	1,228	3,750	8,366	97	2.59	1,719	1,446	2,305	51	3.53	
DELAWARE	157	637	11,116	20	3.14	148	266	4,924	7	2.63	
DIST. OF COL.	93	411	12,108	13	3.16	146	369	6,924	5	1.36	
FLORIDA	1,708	12,784	20,506	556	4.35	3,854	5,623	3,997	3	0.05	
GEORGIA	1,934	5,583	7,909	93	1.67	1,675	1,770	2,895	62	3.50	
HAWAII	148	925	17,123	12	1.30	167	405	6,644	1	0.25	
IDAHO	436	1,210	7,603	25	2.07	280	225	2,202	2	0.89	
ILLINOIS	3,570	14,194	10,893	319	2.25	3,053	6,139	5,509	131	2.13	
INDIANA	3,001	6,635	6,057	126	1.90	1,856	1,358	2,005	20	1.47	
IOWA	1,435	1,823	3,481	26	1.43	952	630	1,813	7	1.11	
KANSAS	1,077	2,198	5,591	42	1.91	758	280	1,598	6	2.14	
KENTUCKY	1,086	3,496	8,820	54	1.54	758	1,107	4,001	15	1.36	
LOUISIANA	1,148	3,958	9,446	74	1.87	774	1,038	3,674	73	7.03	
MAINE	347	384	3,032	17	4.43	345	176	1,398	13	7.39	
MICHIGAN	2,911	13,066	12,297	365	2.79	1,920	5,500	7,848	26	0.47	
MINNESOTA	1,472	5,215	9,706	62	1.19	575	557	2,654	3	0.54	
MISSISSIPPI	940	1,742	5,077	68	3.90	746	649	2,383	19	2.93	
MISSOURI	1,805	6,516	9,890	140	2.15	549	605	3,019	11	1.82	
MONTANA	235	564	6,575	4	0.71	92	60	1,787	0	0.00	
NEBRASKA	649	1,530	6,459	18	1.18	406	400	2,699	5	1.25	
NEVADA	443	2,069	12,796	58	3.29	68	166	6,688	2	1.20	
NEW HAMPSHIRE	384	547	6,757	32	3.38	331	300	2,483	7	2.33	
NEW JERSEY	3,540	12,065	9,338	288	2.39	1,812	2,995	4,528	60	2.00	
NEW YORK	5,172	19,349	10,250	573	2.96	3,516	4,429	3,451	90	2.03	
NORTH CAROLINA	2,131	7,978	10,257	167	2.09	264	156	1,619	10	6.41	
NORTH DAKOTA	206	575	7,647	3	0.52	189	147	2,131	4	2.72	
OHIO	3,545	9,707	7,502	226	2.33	3,974	3,256	2,245	148	4.55	
OKLAHOMA	2,235	6,414	7,862	93	1.45	735	723	2,695	13	1.80	
OREGON	1,075	2,932	7,472	72	2.46	921	899	2,674	13	1.45	
PENNSYLVANIA	3,775	8,173	5,932	244	2.99	3,089	4,050	3,592	40	0.99	
SOUTH CAROLINA	658	2,317	9,647	62	2.68	514	704	3,752	27	7.04	
SOUTH DAKOTA	263	376	3,917	5	1.33	102	64	1,719	0	0.00	
TENNESSEE	1,491	5,702	10,477	114	2.00	1,239	1,484	3,281	40	2.70	
TEXAS	5,786	21,175	10,027	443	2.09	1,507	1,512	2,749	0	0.00	
UTAH	517	2,477	13,126	59	2.38	318	719	6,195	9	1.25	
VERMONT	139	396	7,805	3	0.76	132	124	2,574	1	0.81	
VIRGINIA	1,927	8,177	11,626	174	2.13	1,057	1,394	3,613	39	2.80	
WASHINGTON	2,190	7,368	9,217	124	1.68	1,677	1,900	3,104	161	8.47	
WEST VIRGINIA	2,390	1,157	6,128	29	2.51	403	480	3,263	7	1.46	
WISCONSIN	2,067	5,102	6,762	57	1.12	820	656	2,192	7	1.07	
WYOMING	219	382	4,779	9	2.36	233	171	2,011	3	1.75	
SUBTOTAL	80,505	285,555	9,718	7,169	2.51	50,563	63,602	3,446	1,350	2.12	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
RHODE ISLAND											
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.											



**TABLE 5-D. FATALITIES  
BY STATE AND HIGHWAY SYSTEM - 1984  
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				FATALITIES	
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER	RATE $\lambda$	
COMPLETE DATA						
ALABAMA	11,252	3,830	933	165	4.31	
ALASKA	1,801	529	805	20	3.78	
ARIZONA	3,149	1,602	1,394	90	5.62	
ARKANSAS	7,054	1,427	554	60	4.20	
CALIFORNIA	11,200	6,682	1,635	509	7.62	
COLORADO	3,387	1,911	1,546	49	2.56	
CONNECTICUT	896	1,052	3,217	56	5.32	
DELAWARE	605	485	2,196	18	3.71	
DIST. OF COL.	-	-	-	-	-	
FLORIDA	4,701	2,761	1,609	148	5.36	
GEORGIA	14,004	5,172	1,012	231	4.47	
HAWAII	447	343	2,102	17	4.96	
IDAH0	3,989	1,279	878	50	3.91	
ILLINOIS	12,921	3,431	727	139	4.05	
INDIANA	9,295	5,720	1,686	118	2.06	
IOWA	13,375	2,384	488	81	3.40	
KANSAS	22,552	2,271	276	93	4.10	
KENTUCKY	7,225	4,134	1,568	217	5.25	
LOUISIANA	7,412	5,390	1,592	260	4.82	
MAINE	2,728	1,302	1,308	36	2.76	
MICHIGAN	19,019	8,791	1,266	306	3.48	
MINNESOTA	16,451	3,324	554	106	3.19	
MISSISSIPPI	11,744	3,030	707	109	3.60	
MISSOURI	18,129	4,673	706	228	4.88	
MONTANA	4,739	468	271	19	4.06	
NEBRASKA	11,413	1,127	271	33	2.93	
NEVADA	2,331	698	820	34	4.87	
NEW HAMPSHIRE	1,233	870	1,933	25	2.87	
NEW JERSEY	1,721	2,494	3,970	88	3.53	
NEW YORK	6,330	4,403	1,506	176	4.00	
NORTH CAROLINA	10,380	8,657	2,285	367	4.24	
NORTH DAKOTA	10,492	645	168	13	2.02	
OHIO	11,737	7,480	1,746	296	3.96	
OKLAHOMA	9,718	3,358	947	123	3.66	
OREGON	7,767	1,703	601	86	5.05	
PENNSYLVANIA	8,123	5,345	1,803	202	3.78	
SOUTH CAROLINA	8,501	3,939	1,269	210	5.33	
SOUTH DAKOTA	11,261	831	202	29	3.49	
TENNESSEE	5,345	1,773	909	129	7.28	
TEXAS	32,666	13,222	1,109	679	5.14	
UTAH	2,603	691	727	32	4.63	
VERMONT	1,947	873	1,228	34	3.89	
VIRGINIA	10,313	4,932	1,310	186	3.77	
WASHINGTON	7,213	4,267	1,621	23	0.54	
WEST VIRGINIA	6,360	3,395	1,462	136	4.01	
WISCONSIN	11,822	3,707	859	121	3.26	
WYOMING	2,271	400	483	18	4.50	
SUBTOTAL	389,622	146,801	1,032	6,165	4.20	
INCOMPLETE DATA						
MARYLAND						
MASSACHUSETTS						
NEW MEXICO						
RHODE ISLAND						
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.						

**TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984**  
**NONFEDERAL-AID ARTERIAL HIGHWAYS**

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		
			NUMBER	RATE $\lambda$					NUMBER	RATE $\lambda$	
COMPLETE DATA					COMPLETE DATA						
ALABAMA	-	-	-	-	ALABAMA	246	775	8.631	5	0.65	
ALASKA	2	1	1,370	0	ALASKA	-	-	-	-	-	
ARIZONA	19	18	2,596	0	ARIZONA	25	91	9.973	0	0.00	
ARKANSAS	427	231	1,482	21	ARKANSAS	418	442	2,897	9	2.04	
CALIFORNIA	16	30	5,137	3	CALIFORNIA	1,352	3,719	7,536	86	2.31	
COLORADO	-	-	-	-	COLORADO	40	93	6,370	1	1.08	
CONNECTICUT	9	18	5,479	0	CONNECTICUT	42	184	12,003	4	2.17	
DELAWARE	-	-	-	-	DELAWARE	-	-	-	-	-	
DIST. OF COL.	-	-	-	-	DIST. OF COL.	11	105	26,152	1	0.95	
FLORIDA	409	1,294	8,668	69	FLORIDA	249	1,594	17,539	12	0.75	
GEORGIA	-	-	-	-	GEORGIA	-	-	-	-	-	
HAWAII	15	27	4,932	1	HAWAII	-	-	-	-	-	
IDAHO	-	-	-	-	IDAHO	8	37	12,671	0	0.00	
ILLINOIS	-	-	-	-	ILLINOIS	53	21	1,086	1	4.76	
INDIANA	35	75	5,871	5	INDIANA	50	50	2,740	2	4.00	
IOWA	-	-	-	-	IOWA	12	196	44,749	0	0.00	
KANSAS	48	65	3,710	1	KANSAS	-	-	-	-	-	
KENTUCKY	-	-	-	-	KENTUCKY	218	628	7,892	12	1.91	
LOUISIANA	-	-	-	-	LOUISIANA	-	-	-	-	-	
MAINE	40	149	10,205	3	MAINE	423	1,100	7,125	3	0.27	
MASSACHUSETTS	-	-	-	-	MASSACHUSETTS	13	608	128,135	0	0.00	
MICHIGAN	-	-	-	-	MICHIGAN	162	338	5,716	3	0.89	
MINNESOTA	-	-	-	-	MINNESOTA	48	40	2,283	1	2.50	
MISSISSIPPI	249	27	297	2	MISSISSIPPI	-	-	-	-	-	
MISSOURI	9	7	2,131	0	MISSOURI	536	1,362	6,962	21	1.54	
MONTANA	70	17	665	0	MONTANA	35	70	5,479	0	0.00	
NEBRASKA	-	-	-	-	NEBRASKA	-	-	-	-	-	
NEVADA	1	4	10,959	1	NEVADA	21	91	11,872	0	0.00	
NEW HAMPSHIRE	34	59	4,754	1	NEW HAMPSHIRE	19	106	15,285	2	1.89	
NEW JERSEY	113	987	23,930	28	NEW JERSEY	261	3,122	32,772	41	1.31	
NEW MEXICO	-	-	-	-	NEW YORK	113	437	10,595	0	0.00	
NEW YORK	-	-	-	-	NORTH CAROLINA	1,194	2,245	5,151	36	1.60	
NORTH CAROLINA	249	120	1,320	1	NORTH DAKOTA	1	1	2,740	0	0.00	
NORTH DAKOTA	-	-	-	-	OHIO	-	-	-	-	-	
OHIO	-	-	-	-	OKLAHOMA	169	130	2,107	3	2.31	
OKLAHOMA	222	323	3,986	0	OKLAHOMA	69	165	6,552	1	0.61	
OREGON	187	116	1,700	5	OREGON	-	-	-	-	-	
PENNSYLVANIA	-	-	-	-	PENNSYLVANIA	-	-	-	-	-	
RHODE ISLAND	-	-	-	-	RHODE ISLAND	292	473	4,438	13	2.75	
SOUTH CAROLINA	-	-	-	-	SOUTH CAROLINA	8	5	1,712	0	0.00	
SOUTH DAKOTA	14	9	1,761	0	TENNESSEE	-	-	-	-	-	
TENNESSEE	-	-	-	-	TEXAS	1,862	4,345	6,393	364	8.38	
TEXAS	-	-	-	-	UTAH	49	49	2,740	0	0.00	
UTAH	2	8	10,959	0	UTAH	-	-	-	-	-	
VERMONT	-	-	-	-	VERMONT	-	-	-	-	-	
VIRGINIA	-	-	-	-	VIRGINIA	70	373	14,599	5	1.34	
WASHINGTON	311	249	2,194	4	WASHINGTON	11	1	249	0	0.00	
WEST VIRGINIA	-	-	-	-	WEST VIRGINIA	-	-	-	-	-	
WISCONSIN	-	-	-	-	WISCONSIN	152	305	5,497	1	0.33	
WYOMING	-	-	-	-	WYOMING	7	11	4,305	0	0.00	
SUBTOTAL	2,732	3,935	3,946	146	SUBTOTAL	8,239	23,312	7,752	627	2.69	
INCOMPLETE DATA					INCOMPLETE DATA						
MARYLAND	-	-	-	-	MARYLAND	-	-	-	-	-	
MASSACHUSETTS	-	-	-	-	MASSACHUSETTS	-	-	-	-	-	
NEW MEXICO	-	-	-	-	NEW MEXICO	-	-	-	-	-	
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.											

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984

## NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE $\lambda$					NUMBER	RATE $\lambda$
COMPLETE DATA						COMPLETE DATA					
ALABAMA	7,035	1,004	391	13	1.29	ALABAMA	508	727	3,921	22	3.03
ALASKA	867	154	487	8	5.19	ALASKA	55	92	4,583	3	3.26
ARIZONA	4,747	716	413	34	4.75	ARIZONA	436	589	3,701	8	3.26
ARKANSAS	11,830	1,596	370	67	4.20	ARKANSAS	713	293	1,126	9	2.93
CALIFORNIA	11,770	3,466	807	178	5.14	CALIFORNIA	2,602	3,119	3,284	82	2.63
COLORADO	15,975	2,569	441	69	2.69	COLORADO	608	47	212	1	2.13
CONNECTICUT	1,205	513	1,166	12	2.34	CONNECTICUT	187	161	2,359	6	3.73
DELAWARE	159	50	862	2	4.00	DELAWARE	26	14	1,475	0	0.00
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	-	-	-	-	-
FLORIDA	5,498	1,460	728	62	4.25	FLORIDA	424	2,526	16,322	2	0.08
GEORGIA	7,321	724	271	140	19.34	GEORGIA	-	-	-	-	-
HAWAII	131	147	3,074	1	0.68	HAWAII	8	21	7,192	0	0.00
IDAHO	4,856	365	206	8	2.19	IDAHO	107	67	1,716	0	0.00
ILLINOIS	4,919	1,648	918	64	3.88	ILLINOIS	207	125	1,654	5	4.00
INDIANA	10,668	1,668	428	30	1.80	INDIANA	66	42	1,743	0	0.00
IOWA	16,473	703	117	28	3.98	IOWA	83	40	1,320	0	0.00
KANSAS	9,405	259	75	4	1.54	KANSAS	294	329	3,066	9	2.74
KENTUCKY	9,344	1,663	488	73	4.39	KENTUCKY	132	110	2,283	1	0.91
LOUISIANA	4,269	1,257	807	54	4.30	LOUISIANA	342	212	1,698	1	0.47
MAINE	2,805	713	696	28	3.93	MAINE	31	127	11,224	1	0.79
MICHIGAN	7,829	1,669	584	54	3.24	MICHIGAN	2,004	680	930	6	0.88
MINNESOTA	12,085	1,019	231	40	3.93	MINNESOTA	1,162	1,586	3,739	28	1.77
MISSISSIPPI	2,874	252	240	6	2.38	MISSISSIPPI	-	-	-	-	-
MISSOURI	5,456	295	148	12	4.07	MISSOURI	836	946	3,100	2	0.21
MONTANA	11,353	626	151	13	2.08	MONTANA	120	87	1,986	0	0.00
NEBRASKA	9,291	273	81	9	3.30	NEBRASKA	-	-	-	-	-
NEVADA	2,486	150	165	3	2.00	NEVADA	343	369	2,947	5	1.36
NEW HAMPSHIRE	1,231	322	717	15	4.66	NEW HAMPSHIRE	9	13	3,957	0	0.00
NEW JERSEY	1,288	1,123	2,389	18	1.60	NEW JERSEY	95	30	865	1	3.33
NEW YORK	10,916	3,891	977	106	2.72	NEW YORK	394	185	1,286	1	0.54
NORTH CAROLINA	9,353	2,493	730	141	5.66	NORTH CAROLINA	1,065	763	1,963	16	2.10
NORTH DAKOTA	8,099	219	74	8	3.65	NORTH DAKOTA	23	16	1,906	1	6.25
OHIO	7,451	2,832	1,041	71	2.51	OHIO	-	-	-	-	-
OKLAHOMA	14,832	1,392	257	11	0.79	OKLAHOMA	463	310	1,834	2	0.65
OREGON	9,313	1,074	316	15	1.40	OREGON	191	184	2,639	3	1.63
PENNSYLVANIA	8,887	2,374	732	66	2.78	PENNSYLVANIA	-	-	-	-	-
SOUTH CAROLINA	4,012	507	346	27	5.33	RHODE ISLAND	-	-	-	-	-
SOUTH DAKOTA	7,321	154	58	10	6.49	SOUTH CAROLINA	619	379	1,677	7	1.85
TENNESSEE	11,089	2,662	658	63	2.37	SOUTH DAKOTA	50	59	3,233	1	1.69
TEXAS	20,672	2,300	305	115	5.00	TENNESSEE	-	-	-	-	-
UTAH	4,841	322	182	9	2.80	TEXAS	3,786	4,086	2,957	114	2.79
VERMONT	1,023	161	431	6	3.73	UTAH	267	215	2,206	5	2.33
VIRGINIA	2,369	390	451	13	3.33	VERMONT	-	-	-	-	-
WASHINGTON	6,524	1,715	720	7	0.41	VIRGINIA	28	28	2,740	0	0.00
WEST VIRGINIA	2,175	336	423	8	2.38	WASHINGTON	28	19	1,859	2	10.53
WISCONSIN	6,563	886	370	54	6.09	WEST VIRGINIA	2	2	2,740	0	0.00
WYOMING	7,884	415	144	13	3.13	WISCONSIN	534	415	2,150	0	0.00
SUBTOTAL	326,494	50,527	424	1,788	3.54	WYOMING	37	28	2,073	0	0.00
INCOMPLETE DATA						SUBTOTAL	18,889	19,056	2,764	344	1.81
MARYLAND						INCOMPLETE DATA					
MASSACHUSETTS						MARYLAND					
NEW MEXICO						MASSACHUSETTS					
RHODE ISLAND						NEW MEXICO					
						RHODE ISLAND					
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.											



# TABLE 5-G. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1984

## NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES		
				NUMBER					RATE $\lambda$	NUMBER	RATE $\lambda$
COMPLETE DATA											
ALABAMA	48,447	2,890	163	83	2.87	10,015	2,860	782	92	3.22	
ALASKA	5,199	380	200	15	3.95	1,259	258	561	1	0.39	
ARIZONA	55,065	1,660	83	78	4.70	6,437	1,390	592	63	4.53	
ARKANSAS	45,039	1,053	64	43	4.08	4,768	617	355	21	3.40	
CALIFORNIA	74,047	5,955	221	229	3.84	42,123	18,113	1,178	262	1.45	
COLORADO	41,202	570	38	43	7.54	7,033	1,030	401	12	1.17	
CONNECTICUT	5,983	608	278	23	3.78	6,705	1,620	662	30	1.85	
DELAWARE	2,681	394	403	13	3.30	1,056	387	1,004	6	1.55	
DIST. OF COL.	-	-	-	-	-	668	283	1,161	3	1.06	
FLORIDA	50,038	3,205	175	461	14.38	22,456	12,185	1,487	459	3.77	
GEORGIA	55,740	2,055	101	122	5.94	13,574	3,922	792	65	1.66	
HAWAII	1,659	452	746	3	0.66	943	977	2,839	27	2.76	
IDAHO	54,691	1,070	54	40	3.74	954	88	253	4	4.55	
ILLINOIS	76,760	3,318	118	112	3.38	21,535	6,754	859	95	1.41	
INDIANA	48,734	1,837	103	153	8.33	11,682	3,312	777	80	2.42	
IOWA	65,222	1,467	62	44	3.00	5,245	1,069	558	10	0.94	
KANSAS	83,351	1,231	40	68	5.52	5,866	1,418	662	23	1.62	
KENTUCKY	41,398	1,806	120	74	4.10	4,884	1,431	803	23	1.61	
LOUISIANA	31,030	1,744	154	85	4.87	8,896	889	274	38	4.27	
MAINE	11,909	704	162	39	5.54	1,403	230	449	7	3.04	
MICHIGAN	60,033	1,260	58	148	11.75	16,572	2,020	334	106	5.25	
MINNESOTA	80,410	2,423	83	57	2.35	9,186	2,287	682	15	0.66	
MISSISSIPPI	43,581	1,207	76	149	12.34	4,793	1,505	860	29	1.93	
MISSOURI	73,285	2,621	98	71	2.71	10,241	923	247	50	5.42	
MONTANA	46,580	563	33	35	6.22	1,635	741	1,242	3	0.40	
NEBRASKA	59,005	1,135	53	49	4.32	3,497	528	414	21	3.98	
NEVADA	33,699	265	22	7	2.64	2,045	404	541	7	1.73	
NEW HAMPSHIRE	8,483	454	147	26	5.73	1,448	209	395	6	2.87	
NEW JERSEY	7,452	773	284	40	5.17	15,751	9,595	1,669	74	0.77	
NEW YORK	48,516	3,750	212	161	4.29	25,041	6,767	740	144	2.13	
NORTH CAROLINA	50,771	3,813	206	220	5.77	12,115	2,858	646	99	3.46	
NORTH DAKOTA	59,821	720	33	17	2.36	1,031	270	717	2	0.74	
OHIO	56,726	6,769	327	185	2.73	20,377	9,987	1,343	167	1.67	
OKLAHOMA	67,538	1,823	74	136	7.46	8,068	3,184	1,081	52	1.63	
OREGON	104,018	1,426	38	28	1.96	5,665	897	434	22	2.45	
PENNSYLVANIA	60,946	5,435	244	127	2.34	19,585	5,414	757	191	3.53	
SOUTH CAROLINA	36,466	2,720	204	135	4.96	5,920	912	422	32	3.51	
SOUTH DAKOTA	46,696	529	31	21	3.97	1,199	232	530	4	1.72	
TENNESSEE	49,694	1,582	87	118	7.46	8,235	2,323	773	84	3.62	
TEXAS	142,336	4,724	91	310	6.56	50,375	19,397	1,055	231	1.19	
UTAH	32,677	538	45	13	2.42	3,690	1,281	951	31	2.42	
VERMONT	8,765	391	122	14	3.58	566	205	992	2	0.98	
VIRGINIA	33,598	2,882	235	93	3.23	9,219	4,079	1,212	34	0.83	
WASHINGTON	47,044	494	29	56	11.34	10,261	704	188	49	6.96	
WEST VIRGINIA	20,810	762	100	53	6.96	1,896	288	416	8	2.78	
WISCONSIN	67,600	1,856	75	126	6.79	9,376	4,302	1,257	28	0.65	
WYOMING	22,565	238	29	10	4.20	827	121	401	4	3.31	
SUBTOTAL	2,167,310	83,562	106	4,133	4.95	436,116	140,266	881	2,816	2.01	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
RHODE ISLAND											
$\lambda$ FATALITIES PER 100 MILLION VEHICLE MILES.											



TABLE 6-A. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	626	2,983	13,055	814	27.29	ALABAMA	231	2,381	28,239	905	38.01
ALASKA	1,049	830	2,168	774	93.25	ALASKA	42	225	14,677	525	233.33
ARIZONA	1,021	3,230	8,667	1,829	56.63	ARIZONA	119	1,250	28,779	1,799	143.92
ARKANSAS	419	1,995	13,045	619	31.03	ARKANSAS	122	1,091	24,500	865	79.29
CALIFORNIA	1,425	9,665	18,584	4,174	43.18	CALIFORNIA	955	36,699	105,283	17,020	46.38
COLORADO	767	2,659	9,498	1,711	64.35	COLORADO	159	3,108	53,554	2,911	93.86
CONNECTICUT	107	1,057	27,064	515	48.72	CONNECTICUT	229	5,156	61,686	4,143	80.35
DELAWARE	-	-	-	-	-	DELAWARE	41	753	50,317	231	30.68
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	12	363	82,877	403	111.02
FLORIDA	895	6,289	19,252	1,978	31.45	FLORIDA	407	7,910	53,246	6,259	79.13
GEORGIA	903	7,293	22,127	1,992	27.31	GEORGIA	316	7,130	61,817	4,981	68.86
HAWAII	5	67	36,712	87	129.85	HAWAII	30	830	75,799	1,111	133.86
IDAHO	534	1,164	5,972	657	56.44	IDAHO	72	381	14,498	201	52.76
ILLINOIS	1,252	5,358	11,725	2,266	42.29	ILLINOIS	466	9,448	55,547	9,521	100.77
INDIANA	848	4,179	13,502	1,843	44.10	INDIANA	264	3,648	37,858	896	24.56
IOWA	633	2,494	10,794	684	27.43	IOWA	128	981	20,997	733	74.72
KANSAS	654	1,808	7,574	738	40.82	KANSAS	157	1,411	24,623	1,438	101.91
KENTUCKY	579	3,923	18,563	1,363	34.74	KENTUCKY	159	2,651	45,679	1,379	52.02
LOUISIANA	524	3,676	19,220	1,649	44.86	LOUISIANA	169	2,908	47,143	2,934	100.89
MAINE	275	1,332	13,270	416	31.23	MAINE	37	499	36,949	284	56.91
MICHIGAN	714	3,950	15,157	3,315	83.92	MICHIGAN	415	7,210	47,599	5,888	81.66
MINNESOTA	696	2,004	7,889	413	20.61	MINNESOTA	182	3,167	47,674	2,232	70.48
MISSISSIPPI	565	2,121	10,285	389	18.34	MISSISSIPPI	121	997	22,574	391	39.22
MISSOURI	824	3,900	12,967	1,204	30.87	MISSOURI	318	5,933	51,116	4,456	75.11
MONTANA	1,101	1,389	3,456	746	53.71	MONTANA	46	140	8,338	92	65.71
NEBRASKA	444	1,474	9,095	450	30.53	NEBRASKA	37	524	38,800	504	96.18
NEVADA	503	1,144	6,231	727	63.55	NEVADA	36	468	25,616	597	127.56
NEW HAMPSHIRE	164	884	14,768	194	21.95	NEW HAMPSHIRE	43	448	28,544	285	63.62
NEW JERSEY	129	1,367	29,033	250	18.29	NEW JERSEY	254	6,786	73,196	3,334	49.13
NEW YORK	864	4,181	13,258	2,521	60.30	NEW YORK	629	10,543	45,922	9,908	93.98
NORTH CAROLINA	595	4,112	18,934	1,326	32.25	NORTH CAROLINA	201	2,287	31,173	754	32.97
NORTH DAKOTA	533	732	3,763	184	25.14	NORTH DAKOTA	38	130	9,373	62	47.69
OHIO	879	7,133	22,233	2,287	32.06	OHIO	669	12,083	49,483	8,733	72.28
OKLAHOMA	726	3,049	11,506	765	25.09	OKLAHOMA	200	2,895	39,658	1,931	66.70
OREGON	585	2,715	12,715	762	28.07	OREGON	133	1,955	40,272	1,121	57.34
PENNSYLVANIA	1,170	6,600	15,455	2,924	44.30	PENNSYLVANIA	357	5,358	41,119	3,947	73.67
SOUTH CAROLINA	673	3,421	13,927	559	16.34	SOUTH CAROLINA	111	1,250	30,853	489	39.12
SOUTH DAKOTA	636	1,189	5,122	402	33.81	SOUTH DAKOTA	41	154	10,291	83	53.90
TENNESSEE	783	5,076	17,761	1,323	26.06	TENNESSEE	248	3,914	43,239	64.41	2,521
TEXAS	2,279	10,802	12,986	4,543	42.06	TEXAS	847	18,763	60,691	21,870	116.56
UTAH	706	1,499	5,817	1,123	74.92	UTAH	127	1,801	38,852	1,382	76.74
VERMONT	300	748	6,831	310	41.44	VERMONT	20	112	15,342	37	33.04
VIRGINIA	798	4,896	16,809	1,920	39.22	VIRGINIA	226	4,397	53,303	2,703	61.47
WASHINGTON	486	2,653	14,956	1,099	41.42	WASHINGTON	237	5,797	67,013	3,768	65.00
WEST VIRGINIA	389	1,547	10,896	531	34.32	WEST VIRGINIA	91	763	22,972	477	62.52
WISCONSIN	466	2,423	14,245	1,175	48.49	WISCONSIN	112	1,773	43,371	1,401	79.02
WYOMING	855	1,363	4,368	1,145	84.01	WYOMING	49	141	7,884	102	72.34
SUBTOTAL	31,379	142,375	12,431	56,696	39.82	SUBTOTAL	9,903	188,612	52,181	137,607	72.96
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
RHODE ISLAND						RHODE ISLAND					
1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-B. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
			NUMBER	RATE $\lambda$				NUMBER	RATE $\lambda$		
COMPLETE DATA					COMPLETE DATA						
ALABAMA	5,871	6,509	3,037	5,434	83.48	803	3,729	12,723	3,310	88.76	
ALASKA	1,012	400	1,083	371	92.75	32	80	6,849	301	376.25	
ARIZONA	3,312	3,322	2,748	2,674	80.49	193	1,212	17,205	5,847	482.43	
ARKANSAS	4,698	4,634	2,702	16,885	111.57	458	1,661	9,936	4,307	259.30	
CALIFORNIA	9,648	18,752	5,325	16,885	90.04	1,428	26,069	50,015	21,667	83.11	
COLORADO	3,869	3,801	2,692	4,121	108.42	458	3,318	19,848	6,432	193.85	
CONNECTICUT	689	1,741	6,923	2,558	146.93	580	3,770	17,808	9,082	240.90	
DELAWARE	332	1,382	11,405	1,266	91.61	97	770	21,748	1,633	212.08	
DIST. OF COL.	-	-	-	-	-	168	1,672	27,267	6,071	363.10	
FLORIDA	5,977	12,980	5,950	16,045	123.61	2,368	14,864	17,197	38,901	261.71	
GEORGIA	8,646	9,586	3,038	9,087	94.79	1,420	7,337	13,990	14,902	205.52	
HAWAII	376	937	6,827	1,395	148.88	120	1,337	30,525	2,639	197.38	
IDAHO	2,595	1,698	1,793	1,870	110.13	49	200	11,183	341	170.50	
ILLINOIS	7,849	8,451	2,950	10,326	122.19	1,900	10,994	15,853	38,701	352.02	
INDIANA	4,318	7,541	4,785	12,514	165.95	788	4,853	16,908	10,417	214.21	
IOWA	8,153	6,133	2,061	5,730	93.43	700	2,773	10,853	7,259	261.77	
KANSAS	7,764	4,984	1,759	4,283	85.93	341	1,835	14,743	3,836	209.05	
KENTUCKY	3,315	4,925	4,070	5,820	118.17	459	2,705	16,146	4,910	181.52	
LOUISIANA	2,664	5,660	5,821	6,012	106.22	472	3,756	21,802	11,118	296.01	
MAINE	1,824	2,376	3,569	2,721	114.52	181	745	11,277	2,189	293.83	
MICHIGAN	4,718	8,810	5,116	20,185	229.11	1,246	10,176	22,375	6,050	59.45	
MINNESOTA	8,788	7,511	2,342	5,627	74.92	500	2,693	14,756	4,699	174.49	
MISSISSIPPI	5,314	5,219	2,691	3,242	62.12	353	1,693	13,140	2,476	146.25	
MISSOURI	6,357	7,250	3,125	5,925	81.72	542	3,504	17,712	5,642	161.02	
MONTANA	5,370	2,233	1,139	2,423	108.51	110	428	10,660	895	209.11	
NEBRASKA	6,939	3,675	1,451	2,571	69.96	283	1,302	12,605	3,366	258.53	
NEVADA	1,791	1,042	1,594	1,021	97.98	58	462	21,823	393	85.06	
NEW HAMPSHIRE	964	1,831	5,204	1,404	76.68	174	851	13,399	1,648	193.65	
NEW JERSEY	815	2,923	9,826	4,023	137.63	648	8,052	34,044	14,908	185.15	
NEW YORK	6,423	9,201	3,925	36,483	396.51	1,966	20,132	28,055	38,291	190.20	
NORTH CAROLINA	3,754	7,821	5,708	7,563	96.70	648	4,879	20,628	6,346	130.07	
NORTH DAKOTA	5,408	1,729	876	954	55.18	126	193	4,197	1,011	523.83	
OHIO	4,847	8,624	4,875	12,039	139.60	1,584	7,024	12,149	26,016	370.39	
OKLAHOMA	4,874	5,363	3,015	3,110	57.99	431	2,017	12,821	2,625	130.14	
OREGON	4,604	4,521	2,690	5,271	116.59	394	2,356	16,383	5,575	236.63	
PENNSYLVANIA	7,933	14,550	5,025	20,410	140.27	2,014	16,998	23,123	23,980	141.08	
SOUTH CAROLINA	4,920	6,099	3,396	4,871	79.87	653	3,250	13,636	5,798	178.40	
SOUTH DAKOTA	5,694	2,386	1,148	1,280	53.65	112	413	10,103	1,132	274.09	
TENNESSEE	5,214	6,566	3,450	7,243	110.31	771	5,441	19,334	9,763	179.43	
TEXAS	14,983	21,780	3,983	15,269	70.11	1,702	15,623	25,148	25,682	164.39	
UTAH	2,463	1,593	1,772	1,568	98.43	106	476	12,303	743	156.09	
VERMONT	1,040	1,146	3,019	1,509	131.68	76	247	8,904	427	172.87	
VIRGINIA	4,953	9,303	5,146	10,794	116.03	466	3,427	20,148	6,043	176.33	
WASHINGTON	4,414	4,992	3,098	10,322	206.77	634	4,338	18,746	7,117	164.06	
WEST VIRGINIA	2,277	3,040	3,658	5,747	189.05	193	901	12,790	2,054	227.97	
WISCONSIN	7,977	9,478	3,255	9,077	95.77	861	4,460	14,192	9,445	211.77	
WYOMING	2,871	1,388	1,325	1,140	82.13	125	368	8,066	679	184.51	
SUBTOTAL	218,617	265,886	3,332	315,353	118.60	29,791	215,308	19,801	406,657	188.88	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
RHODE ISLAND											
$\lambda$ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											



# TABLE 6-C. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

## FEDERAL-AID URBAN HIGHWAYS

STATE	ARTERIAL				STATE	COLLECTOR					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	OAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	1,464	4,268	7,987	5,141	120.45	1,062	1,005	2,593	3,115	309.95	
ALASKA	77	532	18,929	1,986	373.31	156	108	1,897	563	521.30	
ARIZONA	1,126	4,572	11,124	25,774	563.74	488	961	5,395	2,429	252.76	
ARKANSAS	820	1,423	4,754	4,034	283.49	279	158	1,552	1,065	174.05	
CALIFORNIA	11,803	58,712	13,628	139,014	236.77	4,636	5,545	3,277	10,095	182.06	
COLORADO	1,682	4,589	7,475	13,645	237.34	546	893	4,481	2,378	266.29	
CONNECTICUT	1,228	3,750	8,366	14,582	388.85	1,719	1,446	2,305	6,447	445.85	
DELAWARE	157	637	11,116	1,708	268.13	148	266	4,924	490	184.21	
DIST. OF COL.	93	411	12,108	3,330	810.22	146	369	6,924	3,049	826.22	
FLORIDA	1,708	12,784	20,506	38,857	303.95	3,854	5,623	3,997	6,360	359.32	
GEORGIA	1,934	5,583	7,909	9,907	177.45	1,675	1,770	2,895	6,350	329.32	
HAWAII	148	925	17,123	881	95.24	167	405	6,644	179	44.20	
IDAHO	436	1,210	7,603	3,136	259.17	280	225	2,202	509	226.22	
ILLINOIS	3,570	14,194	10,893	44,240	311.68	3,053	6,139	5,509	17,188	279.98	
INDIANA	3,001	6,635	6,057	14,916	224.81	1,856	1,358	2,005	2,368	174.37	
IOWA	1,435	1,823	3,481	4,719	258.85	952	630	1,813	1,271	201.75	
KANSAS	1,077	2,198	5,591	7,694	330.05	480	280	1,598	622	222.14	
KENTUCKY	1,086	3,496	8,820	9,262	264.93	758	1,107	4,001	2,528	228.36	
LOUISIANA	1,148	3,958	9,446	11,528	291.26	774	1,038	3,674	253	24.37	
MAINE	347	384	3,032	1,005	261.72	345	176	1,398	493	280.11	
MICHIGAN	2,911	13,066	12,297	16,653	127.45	1,920	5,500	7,848	2,069	37.62	
MINNESOTA	1,472	5,215	9,706	11,318	217.03	575	557	2,654	1,166	209.34	
MISSISSIPPI	1,742	1,742	5,077	3,223	185.02	746	649	2,383	1,035	159.48	
MISSOURI	1,805	6,516	9,890	13,283	203.85	549	605	3,019	849	140.33	
MONTANA	235	564	6,575	1,866	330.85	92	60	1,787	22	36.67	
NEBRASKA	649	1,530	6,459	6,361	415.75	406	400	2,699	1,338	334.50	
NEVADA	443	2,069	12,796	6,058	292.80	68	166	6,688	282	169.88	
NEW HAMPSHIRE	384	947	6,757	3,221	340.13	331	300	2,483	919	306.33	
NEW JERSEY	3,540	12,065	9,338	47,362	392.56	1,812	2,995	4,528	9,383	313.29	
NEW YORK	5,172	19,349	10,250	61,885	319.84	3,516	4,429	3,451	6,897	155.72	
NORTH DAKOTA	206	575	7,647	942	163.83	189	147	2,131	341	231.97	
OHIO	3,545	9,707	7,502	46,411	478.12	3,974	3,256	2,245	21,514	660.75	
OKLAHOMA	2,235	6,414	7,862	11,032	172.00	735	723	2,695	1,028	142.19	
OREGON	1,075	2,932	7,472	11,667	337.92	921	899	2,674	3,025	336.48	
PENNSYLVANIA	3,775	8,173	5,932	24,853	304.09	3,089	4,050	3,592	4,262	105.23	
SOUTH CAROLINA	658	2,317	9,647	4,595	198.32	514	704	3,752	1,002	142.33	
SOUTH DAKOTA	263	376	3,917	701	186.44	102	64	1,719	125	195.31	
TENNESSEE	1,491	5,702	10,477	13,597	238.46	1,239	1,484	3,281	3,453	232.68	
TEXAS	5,786	21,175	10,027	32,108	151.63	1,507	1,512	2,749	1,921	12.70	
UTAH	517	2,477	13,126	7,715	311.47	318	719	6,195	1,983	275.80	
VERMONT	139	396	7,805	713	180.05	132	124	2,574	274	220.97	
VIRGINIA	1,927	8,177	11,626	27,050	330.81	1,057	1,394	3,613	3,972	284.94	
WASHINGTON	2,190	7,368	9,217	12,978	176.14	1,677	1,900	3,104	16,465	866.58	
WEST VIRGINIA	390	1,157	8,128	3,426	296.11	403	480	3,263	488	101.67	
WISCONSIN	2,067	5,102	6,762	5,057	99.12	820	656	2,192	1,179	179.73	
WYOMING	219	382	4,779	511	133.77	233	171	2,011	258	150.88	
SUBTOTAL	78,374	277,577	9,703	729,945	262.97	50,299	63,446	3,456	145,313	229.03	
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
NORTH CAROLINA						NORTH CAROLINA					
RHODE ISLAND						RHODE ISLAND					
1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

**TABLE 6-D. NONFATALITY INJURED PERSONS  
BY STATE AND HIGHWAY SYSTEM - 1984**  
FEDERAL-AID SECONDARY HIGHWAYS

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS	
				NUMBER	RATE $\sqrt{}$
COMPLETE DATA					
ALABAMA	11,252	3,830	933	3,148	82.19
ALASKA	1,801	529	805	491	92.82
ARIZONA	3,149	1,602	1,394	1,879	117.29
ARKANSAS	7,054	1,427	554	1,668	116.89
CALIFORNIA	11,200	6,682	1,635	25,094	375.55
COLORADO	3,387	1,911	1,546	1,551	81.16
CONNECTICUT	896	1,052	3,217	1,981	188.31
DELAWARE	605	485	2,196	629	129.69
DIST. OF COL.	-	-	-	-	-
FLORIDA	4,701	2,761	1,609	11,338	410.65
GEORGIA	14,004	5,172	1,012	3,626	70.11
HAWAII	447	343	2,102	576	167.93
IDAHO	3,989	1,279	878	1,432	111.96
ILLINOIS	12,921	3,431	727	5,571	162.37
INDIANA	19,295	5,720	1,686	6,622	115.77
IOWA	13,375	2,384	488	2,995	125.63
KANSAS	22,552	2,271	276	2,831	124.66
KENTUCKY	7,225	4,134	1,568	7,447	180.14
LOUISIANA	7,412	5,390	1,992	9,259	171.78
MAINE	2,728	1,302	1,308	1,700	130.57
MICHIGAN	19,019	8,791	1,266	927	10.54
MINNESOTA	16,451	3,324	554	3,566	107.28
MISSISSIPPI	11,744	3,030	707	1,637	54.03
MISSOURI	18,129	4,673	706	6,081	130.13
MONTANA	4,739	468	271	616	131.62
NEBRASKA	11,413	1,127	271	1,352	119.96
NEVADA	2,331	698	820	721	103.30
NEW HAMPSHIRE	1,233	870	1,933	991	113.91
NEW JERSEY	1,721	2,494	3,970	4,231	169.65
NEW YORK	6,330	4,403	1,906	20,998	476.90
NORTH CAROLINA	10,380	8,657	2,285	12,251	141.52
NORTH DAKOTA	10,492	645	168	526	81.55
OHIO	11,737	7,480	1,746	14,986	200.35
OKLAHOMA	9,718	3,358	947	2,235	66.56
OREGON	7,767	1,703	601	2,528	171.93
PENNSYLVANIA	8,123	5,345	1,803	9,478	177.32
SOUTH CAROLINA	8,501	3,939	1,269	3,454	87.69
SOUTH DAKOTA	11,261	831	202	590	71.00
TENNESSEE	5,345	1,773	909	5,102	287.76
TEXAS	32,666	13,222	1,109	14,521	109.82
UTAH	2,603	691	727	963	139.36
VERMONT	1,947	873	1,228	1,246	142.73
VIRGINIA	10,313	4,932	1,310	9,378	190.15
WASHINGTON	7,213	4,267	1,621	1,648	38.62
WEST VIRGINIA	6,360	3,395	1,462	6,820	200.88
WISCONSIN	11,822	3,707	859	8,925	240.76
WYOMING	2,271	400	483	433	108.25
SUBTOTAL	389,622	146,801	1,032	226,442	154.25
INCOMPLETE DATA					
MARYLAND					
MASSACHUSETTS					
NEW MEXICO					
RHODE ISLAND					
$\sqrt{}$ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.					



TABLE 6-E. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	-	-	-	-	2,300.00	ALABAMA	246	775	8,631	427	55.10
ALASKA	2	1	1,370	23	-	ALASKA	-	-	-	-	-
ARIZONA	19	18	2,596	25	138.89	ARIZONA	25	91	9,973	135	148.35
ARKANSAS	427	231	1,482	485	209.96	ARKANSAS	418	442	2,897	1,800	407.24
CALIFORNIA	16	30	5,137	266	886.67	CALIFORNIA	1,352	3,719	7,536	7,802	209.79
COLORADO	-	-	-	-	-	COLORADO	40	93	6,370	120	129.03
CONNECTICUT	9	18	5,479	36	200.00	CONNECTICUT	42	184	12,003	292	158.70
DELAWARE	-	-	-	-	-	DELAWARE	-	-	-	-	-
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	11	105	26,152	234	222.86
FLORIDA	409	1,294	8,668	1,469	113.52	FLORIDA	249	1,594	17,539	1,171	73.46
GEORGIA	-	-	-	-	-	GEORGIA	-	-	-	-	-
HAWAII	15	27	4,932	37	137.04	HAWAII	8	37	12,671	62	167.57
IDAHO	-	-	-	-	-	IDAHO	53	21	1,086	106	504.76
ILLINOIS	-	-	-	-	-	ILLINOIS	50	50	2,740	269	538.00
INDIANA	35	75	5,871	280	373.33	INDIANA	12	196	44,749	0	0.00
IOWA	-	-	-	-	-	IOWA	-	-	-	-	-
KANSAS	48	65	3,710	45	69.23	KANSAS	218	628	7,892	2,732	435.03
KENTUCKY	-	-	-	-	-	KENTUCKY	-	-	-	-	-
LOUISIANA	-	-	-	-	-	LOUISIANA	423	1,100	7,125	550	50.00
MAINE	40	149	10,205	61	40.94	MAINE	13	608	128,135	1,545	254.11
MASSACHUSETTS	-	-	-	-	-	MICHIGAN	162	338	5,716	637	188.46
MICHIGAN	-	-	-	-	-	MINNESOTA	48	40	2,283	227	567.50
MINNESOTA	-	-	-	-	-	MISSISSIPPI	-	-	-	-	-
MISSISSIPPI	249	27	297	9	33.33	MISSOURI	536	1,362	6,962	1,837	134.88
MISSOURI	9	7	2,131	60	857.14	MONTANA	35	70	5,479	132	188.57
MONTANA	70	17	665	2	11.76	NEBRASKA	-	-	-	-	-
NEBRASKA	-	-	-	-	-	NEVADA	21	91	11,872	93	102.20
NEVADA	1	4	10,959	13	325.00	NEW HAMPSHIRE	19	106	15,285	106	100.00
NEW HAMPSHIRE	34	59	4,754	44	74.58	NEW JERSEY	261	3,122	32,772	2,511	80.43
NEW JERSEY	113	987	23,930	821	83.18	NEW YORK	113	437	10,595	0	0.00
NEW MEXICO	-	-	-	-	-	NORTH DAKOTA	1	1	2,740	0	0.00
NEW YORK	-	-	-	-	-	OHIO	-	-	-	-	-
NORTH DAKOTA	-	-	-	-	-	OKLAHOMA	169	130	2,107	103	79.23
OHIO	-	-	-	-	-	OREGON	69	165	6,552	59	35.76
OKLAHOMA	222	323	3,986	0	0.00	PENNSYLVANIA	-	-	-	-	-
OREGON	187	116	1,700	189	162.93	RHODE ISLAND	-	473	4,438	1,249	264.06
PENNSYLVANIA	-	-	-	-	-	SOUTH CAROLINA	292	5	1,712	133	2,660.00
RHODE ISLAND	-	-	-	-	-	SOUTH DAKOTA	8	-	-	-	-
SOUTH CAROLINA	-	-	-	-	-	TENNESSEE	-	-	-	-	-
SOUTH DAKOTA	14	9	1,761	5	55.56	TEXAS	1,862	4,345	6,393	1,862	42.85
TENNESSEE	-	-	-	-	-	UTAH	49	49	2,740	77	157.14
TEXAS	-	-	-	-	-	VERMONT	-	-	-	-	-
UTAH	2	8	10,959	14	175.00	VIRGINIA	70	373	14,599	43	11.53
VERMONT	-	-	-	-	-	WASHINGTON	11	1	249	0	0.00
VIRGINIA	311	249	2,194	0	0.00	WEST VIRGINIA	-	-	-	-	-
WASHINGTON	-	-	-	-	-	WISCONSIN	152	305	5,497	393	128.85
WEST VIRGINIA	-	-	-	-	-	WYOMING	7	11	4,305	0	0.00
WISCONSIN	-	-	-	-	-	SUBTOTAL	7,045	21,067	8,193	26,707	126.77
WYOMING	251	101	1,102	154	152.48						
SUBTOTAL	2,483	3,815	4,209	4,038	105.85	INCOMPLETE DATA					
INCOMPLETE DATA						MARYLAND					
MARYLAND						MASSACHUSETTS					
NORTH CAROLINA						NEW MEXICO					
						NORTH CAROLINA					
1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-F. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL				STATE	URBAN					
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS		
				NUMBER					RATE 1/	NUMBER	RATE 1/
COMPLETE DATA					COMPLETE DATA						
ALABAMA	7,035	1,004	391	1,574	156.77	508	727	3,921	2,076	285.56	
ALASKA	154	154	487	223	144.81	55	92	4,583	159	172.83	
ARIZONA	4,747	716	413	446	62.29	436	589	3,701	1,979	335.99	
ARKANSAS	11,830	1,596	370	1,981	124.12	713	293	1,126	1,870	638.23	
CALIFORNIA	11,770	3,466	807	15,801	455.89	2,602	3,119	3,284	7,439	238.51	
COLORADO	15,975	2,569	441	2,478	96.46	608	47	212	165	351.06	
CONNECTICUT	1,205	513	1,166	1,032	201.17	187	161	2,359	560	347.83	
DELAWARE	159	50	862	114	228.00	26	14	1,475	49	350.00	
DIST. OF COL.	-	-	-	-	-	4	11	1,475	54	490.91	
FLORIDA	5,498	1,460	728	4,188	286.85	424	2,526	16,322	84	3,333	
GEORGIA	7,321	724	271	3,269	451.52	-	-	-	-	-	0.00
HAWAII	131	147	3,074	129	87.76	8	21	7,192	0	0.00	
IDAHO	4,856	365	206	177	48.49	107	67	1,716	93	138.81	
ILLINOIS	4,919	1,688	918	1,858	112.74	207	125	1,654	646	516.80	
INDIANA	10,668	1,688	428	1,682	100.90	66	42	1,743	0	0.00	
IOWA	16,473	703	117	1,035	147.23	83	40	1,320	0	0.00	
KANSAS	9,405	259	75	353	136.29	294	329	3,066	678	206.08	
KENTUCKY	9,344	1,663	488	3,196	192.18	132	110	2,283	354	321.82	
LOUISIANA	4,269	1,257	807	2,070	164.68	342	212	1,698	73	34.43	
MAINE	2,805	713	696	1,347	188.92	31	127	11,224	358	281.89	
MICHIGAN	7,829	1,669	584	14,561	872.44	2,004	680	930	1,437	211.32	
MINNESOTA	12,085	1,019	231	1,145	112.37	1,162	1,586	3,739	3,949	248.99	
MISSISSIPPI	2,874	252	240	85	33.73	-	-	-	-	-	18.50
MISSOURI	5,456	295	148	416	141.02	836	946	3,100	175	0.00	
MONTANA	11,353	626	151	674	107.67	120	87	1,986	0	0.00	
NEBRASKA	9,291	273	81	502	183.88	-	-	-	-	-	
NEVADA	2,486	150	165	129	86.00	343	369	2,947	744	201.63	
NEW HAMPSHIRE	1,231	322	717	412	127.95	9	13	3,957	11	84.62	
NEW JERSEY	1,288	1,123	2,389	1,507	134.19	95	30	865	155	516.67	
NEW YORK	10,916	3,891	977	18,723	481.19	394	185	1,286	615	332.43	
NORTH DAKOTA	8,099	219	74	194	88.58	23	16	1,906	38	237.50	
OHIO	7,451	2,832	1,041	4,299	151.80	-	-	-	-	-	
OKLAHOMA	14,832	1,392	257	339	24.35	453	310	1,834	435	140.32	
OREGON	9,313	1,074	316	589	54.84	191	184	2,639	291	158.15	
PENNSYLVANIA	8,887	2,374	732	4,929	207.62	-	-	-	-	-	
SOUTH CAROLINA	4,012	507	346	381	75.15	-	-	-	-	-	169.39
SOUTH DAKOTA	7,321	154	58	174	112.99	619	379	1,677	642	154.24	
TENNESSEE	11,089	2,662	658	472	17.73	50	59	3,233	91	-	
TEXAS	20,672	2,300	305	2,127	92.48	-	-	-	-	-	
UTAH	4,841	322	182	280	86.96	3,786	4,086	2,957	86	2.10	
VERMONT	1,023	161	431	273	169.57	267	215	2,206	773	359.53	
VIRGINIA	2,369	390	451	853	218.72	-	-	-	-	-	2.10
WASHINGTON	6,524	1,715	720	208	12.13	28	28	2,740	58	207.14	
WEST VIRGINIA	2,175	336	423	603	179.46	28	19	1,859	233	1,226.32	
WISCONSIN	6,563	886	370	685	77.31	2	2	2,740	0	0.00	
WYOMING	7,884	415	144	272	65.54	534	419	2,150	792	189.02	
SUBTOTAL	317,141	48,034	415	97,786	203.58	17,824	18,293	2,812	27,162	148.48	
INCOMPLETE DATA											
MARYLAND											
MASSACHUSETTS											
NEW MEXICO											
NORTH CAROLINA											
RHODE ISLAND											
1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											

TABLE 6-G. NONFATALITY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1984

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL					STATE	URBAN				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALITY INJURED PERSONS	
				NUMBER	RATE 1/					NUMBER	RATE 1/
COMPLETE DATA						COMPLETE DATA					
ALABAMA	48,447	2,890	163	1,574	54.46	ALABAMA	10,015	2,860	782	8,458	236.08
ALASKA	5,199	380	200	1,353	356.05	ALASKA	1,259	258	561	72	27.91
ARIZONA	55,065	1,660	83	5,758	346.87	ARIZONA	6,437	1,390	592	7,018	504.89
ARKANSAS	45,039	1,053	64	1,970	187.08	ARKANSAS	4,768	617	355	4,088	662.56
CALIFORNIA	74,047	5,965	221	20,325	340.74	CALIFORNIA	42,123	18,113	1,178	23,770	131.23
COLORADO	41,202	570	38	1,692	296.84	COLORADO	7,033	1,030	401	2,987	280.29
CONNECTICUT	5,983	608	278	1,763	289.97	CONNECTICUT	6,705	1,620	662	5,387	332.53
DELAWARE	2,681	394	403	912	231.47	DELAWARE	1,056	387	1,004	861	222.48
DIST. OF COL.	-	-	-	-	-	DIST. OF COL.	22,456	283	1,161	1,212	428.27
FLORIDA	50,038	3,205	175	30,726	958.69	FLORIDA	13,574	12,185	1,487	50,971	118.31
GEORGIA	55,740	2,055	101	2,871	139.71	GEORGIA	9,943	3,922	792	6,172	157.37
HAWAII	1,659	452	746	70	15.49	HAWAII	954	977	2,839	5,223	534.60
IDAHO	54,691	1,070	54	1,768	165.23	IDAHO	21,535	88	253	1,257	1,428.41
ILLINOIS	76,760	3,318	118	5,957	179.54	ILLINOIS	11,682	6,754	859	37,466	554.72
INDIANA	48,734	1,837	103	8,586	467.39	INDIANA	5,245	3,312	777	9,470	285.93
IOWA	65,222	1,467	62	1,627	110.91	IOWA	5,866	1,069	558	1,815	169.78
KANSAS	83,351	1,231	40	2,801	227.54	KANSAS	4,884	1,418	662	4,261	300.49
KENTUCKY	41,398	1,806	120	3,977	220.21	KENTUCKY	4,884	1,431	803	3,854	269.32
LOUISIANA	31,030	1,744	154	6,704	384.40	LOUISIANA	8,896	889	274	22,451	2,525.42
MAINE	11,909	704	162	2,853	405.26	MAINE	1,403	230	449	557	242.17
MICHIGAN	60,033	1,260	58	21,840	1,733.33	MICHIGAN	16,572	2,020	334	57,178	2,830.59
MINNESOTA	80,410	2,423	83	1,054	43.50	MINNESOTA	9,186	2,287	682	4,009	175.30
MISSISSIPPI	43,581	1,207	76	1,503	124.52	MISSISSIPPI	4,793	1,505	860	1,583	105.18
MISSOURI	73,285	2,621	98	7,798	297.52	MISSOURI	10,241	923	247	16,545	1,792.52
MONTANA	46,580	563	33	1,752	311.19	MONTANA	1,635	741	1,242	19	19.03
NEBRASKA	59,005	1,135	53	2,112	186.08	NEBRASKA	3,497	528	414	1,444	273.48
NEVADA	33,695	265	22	1,190	71.70	NEVADA	2,045	404	541	1,201	297.28
NEW HAMPSHIRE	8,483	454	147	1,673	368.50	NEW HAMPSHIRE	1,448	209	395	1,088	520.57
NEW JERSEY	7,452	773	284	2,441	315.78	NEW JERSEY	15,751	9,595	1,669	14,258	148.60
NEW YORK	48,516	3,750	212	32,080	855.47	NEW YORK	25,041	6,767	740	37,958	560.93
NORTH DAKOTA	59,821	720	33	576	80.00	NORTH DAKOTA	1,031	270	717	576	213.33
OHIO	56,726	6,769	327	13,093	193.43	OHIO	20,377	9,987	1,343	27,057	270.92
OKLAHOMA	67,538	1,823	74	3,402	186.62	OKLAHOMA	8,068	3,184	1,081	6,161	193.50
OREGON	104,018	1,426	38	1,056	74.05	OREGON	5,665	897	434	3,590	400.22
PENNSYLVANIA	60,946	5,435	244	8,923	164.18	PENNSYLVANIA	19,585	5,414	757	31,037	573.27
SOUTH CAROLINA	36,466	2,720	204	2,673	98.27	SOUTH CAROLINA	5,920	912	422	2,422	265.57
SOUTH DAKOTA	46,696	529	31	844	159.55	SOUTH DAKOTA	1,199	232	530	559	240.95
TENNESSEE	49,694	1,582	87	4,688	296.33	TENNESSEE	8,235	2,323	773	9,218	396.81
TEXAS	142,336	4,724	91	15,579	329.78	TEXAS	50,375	19,397	1,055	86,867	447.84
UTAH	32,677	538	45	824	153.16	UTAH	3,690	1,281	951	3,056	238.56
VERMONT	8,765	391	122	849	217.14	VERMONT	566	205	992	237	144.88
VIRGINIA	33,598	2,882	235	5,365	186.16	VIRGINIA	9,219	4,079	1,212	6,686	163.91
WASHINGTON	47,044	494	29	1,574	318.62	WASHINGTON	10,261	704	188	5,954	845.74
WEST VIRGINIA	20,810	762	100	4,664	612.07	WEST VIRGINIA	1,896	288	416	969	336.46
WISCONSIN	67,600	1,856	75	5,872	316.38	WISCONSIN	9,376	4,302	1,257	14,571	338.70
WYOMING	22,565	238	29	644	270.59	WYOMING	827	121	401	404	333.88
SUBTOTAL	2,116,539	79,749	103	246,356	308.91	SUBTOTAL	424,001	137,408	888	532,089	387.23
INCOMPLETE DATA						INCOMPLETE DATA					
MARYLAND						MARYLAND					
MASSACHUSETTS						MASSACHUSETTS					
NEW MEXICO						NEW MEXICO					
NORTH CAROLINA						NORTH CAROLINA					
RHODE ISLAND						RHODE ISLAND					
1/ NONFATALITY INJURED PERSONS PER 100 MILLION VEHICLE MILES.											



## SECTION III--OTHER RATES

### A. Highway Mileage

Vehicle mileage rates for the United States, listed in Table 1, are the most common measure of safety performance. For some purposes, rates per mile of highway may be more useful. These are listed in Table 7. Note that, because of the concentration of travel on highway systems with the fewest fatalities per vehicle-mile, highways on these systems tend to have the highest number of fatalities per highway mile.

### B. Population

Population rates are most useful for comparing motor vehicle accidents with other public health problems. In 1983, only heart disease, cancer and stroke were responsible for more deaths, according to the National Center for Health Statistics. State rates per thousand residents are listed in Table 8 for fatal and nonfatal injury accidents, fatalities, and nonfatally injured persons.

### C. Licensed Drivers

The number of accidents per licensed driver reflects both the care with which drivers operate their vehicles and the amount of travel under various conditions. State accident, fatality, and injury rates per licensed driver are listed in Table 9.

### D. Registered Vehicles

As is the case with licensed drivers, the number of accidents per registered vehicle is affected both by the care with which the vehicle is driven and the amount of travel under various conditions. State rates per registered vehicle are listed in Table 10.



# TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1984

HIGHWAY SYSTEM	HIGHWAY MILES 2/	VEHICLE MILES (MILLIONS) 2/	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS 4/		FATALITIES		NONFATAL INJURED PERSONS 4/	
				NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/	NUMBER	RATE 3/
INTERSTATE (ARTERIAL)											
RURAL	32,676	148,542	12,421	1,837	56.22	37,098	1,135.3	2,140	65.49	58,334	1,785.2
URBAN	10,615	203,572	52,398	1,897	178.71	97,243	9,160.9	2,131	200.75	144,730	13,634.5
TOTAL	43,291	352,114	22,223	3,734	86.25	134,341	3,103.2	4,271	98.66	203,064	4,690.7
OTHER FEDERAL-AID PRIMARY (ARTERIAL)											
RURAL	224,868	276,711	3,362	8,557	38.05	197,097	876.5	10,073	44.80	326,924	1,453.8
URBAN	31,859	229,955	19,721	3,902	122.48	287,640	9,028.5	4,266	133.90	437,045	13,718.1
TOTAL	256,727	506,666	5,392	12,459	48.53	484,737	1,888.1	14,339	55.85	763,969	2,975.8
FEDERAL-AID URBAN											
ARTERIAL	86,129	306,449	9,721	7,078	82.18	542,964	6,304.1	7,623	88.51	814,467	9,456.4
COLLECTOR	54,363	67,934	3,414	1,385	25.48	113,309	2,084.3	1,507	27.72	160,883	2,953.4
TOTAL (ALL URBAN)	140,492	374,383	7,281	8,463	60.24	656,273	4,671.2	9,130	64.99	975,350	6,942.4
FEDERAL-AID SECONDARY (COLLECTOR)											
TOTAL (ALL RURAL)	397,796	151,609	1,041	5,573	14.01	151,047	379.7	6,294	15.82	234,384	589.2
NON-FEDERAL-AID											
ARTERIAL											
RURAL	2,753	3,959	3,929	124	45.04	2,418	878.3	155	56.30	4,372	1,588.1
URBAN	8,356	23,485	7,679	589	70.49	15,425	2,324.7	638	76.35	29,602	3,542.6
TOTAL	11,109	27,444	6,750	713	64.18	21,843	1,966.2	793	71.38	33,974	3,058.2
NON-FEDERAL-AID COLLECTOR											
RURAL	333,815	51,994	426	1,688	5.06	71,090	213.0	1,869	5.60	111,021	332.6
URBAN	19,653	19,855	2,760	339	17.25	20,376	1,036.8	362	18.42	29,707	1,511.6
TOTAL	353,468	71,849	555	2,027	5.73	91,466	258.8	2,231	6.31	140,728	398.1
NON-FEDERAL-AID LOCAL											
RURAL	2,226,188	86,034	106	3,839	1.72	191,118	85.8	4,293	1.93	276,263	124.1
URBAN	462,710	146,569	866	2,814	5.08	406,260	878.0	3,021	6.53	575,153	1,243.0
TOTAL	2,688,898	232,703	236	6,653	2.47	597,378	222.2	7,314	2.72	851,416	316.6
ALL FEDERAL-AID											
RURAL	655,340	576,862	2,405	15,967	24.36	385,242	587.9	18,507	28.24	619,642	945.5
URBAN	182,966	807,910	12,065	14,262	77.95	1,041,156	5,690.4	15,527	84.86	1,557,125	8,510.5
TOTAL	838,306	1,384,772	4,513	30,229	36.06	1,426,398	1,701.5	34,034	40.60	2,176,767	2,596.6
ALL NON-FEDERAL-AID											
RURAL	2,562,756	141,987	151	5,651	2.21	264,626	103.3	6,317	2.46	391,656	152.8
URBAN	490,719	190,009	1,058	3,742	7.63	446,061	909.0	4,021	8.19	634,462	1,292.9
TOTAL	3,053,475	331,996	297	9,393	3.08	710,687	232.7	10,338	3.39	1,026,118	335.0
NON-INTERSTATE											
RURAL	3,185,420	570,307	489	19,781	6.21	612,770	192.4	22,684	7.12	952,964	299.2
URBAN	663,070	794,347	3,273	16,107	24.29	1,389,974	2,096.3	17,417	26.27	2,046,857	3,086.9
TOTAL	3,848,490	1,364,654	969	35,888	9.33	2,002,744	520.4	40,101	10.42	2,999,821	779.5
TOTAL											
RURAL	3,218,096	718,849	610	21,618	6.72	649,868	201.9	24,824	7.71	1,011,298	314.3
URBAN	673,685	997,919	4,047	18,004	26.72	1,487,217	2,207.6	19,548	29.02	2,191,587	3,253.1
TOTAL	3,891,781	1,716,768	1,205	39,622	10.18	2,137,085	549.1	44,372	11.40	3,202,885	823.0

1/ U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES, TOGETHER WITH TOTALS REPORTED BY MOST STATES.

2/ MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1984. FEDERAL-AID HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1985 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1985. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

3/ RATES ARE PER 1000 HIGHWAY MILES.

4/ TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS WERE ESTIMATED BY FHWA FOR MARYLAND, MASSACHUSETTS, NEW MEXICO, AND RHODE ISLAND.

**TABLE 8. FATAL AND INJURY ACCIDENT DATA  
RELATED TO POPULATION - 1984**

STATE	POPULATION		RATES PER THOUSAND PERSONS			
	NUMBER (THOUSANDS)	VEHICLE MILES PER CAPITA	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	3,990	8,261	0.21	0.24	6.24	9.02
ALASKA	500	7,178	0.25	0.27	9.49	13.68
ARIZONA	3,053	6,752	0.26	0.28	11.98	18.86
ARKANSAS	2,349	7,076	0.20	0.22	7.88	12.74
CALIFORNIA	25,623	7,670	0.18	0.20	8.13	12.07
COLORADO	3,178	7,737	0.17	0.19	8.61	12.62
CONNECTICUT	3,154	6,682	0.14	0.15	10.90	15.34
DELAWARE	613	8,382	0.19	0.21	8.52	12.88
DIST. OF COL.	623	5,159	0.09	0.10	15.56	23.04
FLORIDA	10,976	7,787	0.23	0.27	11.77	18.44
GEORGIA	5,837	8,649	0.22	0.24	8.20	10.82
HAWAII	1,039	6,261	0.12	0.13	8.29	11.92
IDAHO	1,001	7,760	0.21	0.24	7.54	11.54
ILLINOIS	11,511	6,073	0.12	0.13	10.13	15.12
INDIANA	5,498	7,471	0.15	0.17	8.37	12.66
IOWA	2,910	7,044	0.13	0.14	6.66	9.58
KANSAS	2,438	7,677	0.19	0.21	8.86	13.25
KENTUCKY	3,723	7,508	0.18	0.20	7.95	11.84
LOUISIANA	4,462	7,079	0.19	0.22	10.11	16.72
MAINE	1,156	8,084	0.18	0.20	9.31	13.43
MARYLAND	4,349	7,289	0.14	0.15	1/ 0.00	1/ 0.00
MASSACHUSETTS	5,798	6,647	0.10	0.11	1/ 0.00	1/ 0.00
MICHIGAN	9,075	6,994	0.15	0.17	11.10	16.61
MINNESOTA	4,162	7,647	0.12	0.14	6.53	9.47
MISSISSIPPI	2,598	7,099	0.23	0.26	3.83	5.99
MISSOURI	5,008	7,695	0.17	0.19	8.52	12.83
MONTANA	824	8,964	0.25	0.29	7.53	11.36
NEBRASKA	1,606	7,452	0.16	0.18	8.30	12.45
NEVADA	911	8,048	0.24	0.27	8.92	13.36
NEW HAMPSHIRE	977	7,466	0.18	0.20	7.08	12.28
NEW JERSEY	7,515	6,961	0.11	0.12	9.38	14.00
NEW MEXICO	1,424	8,730	0.30	0.35	1/ 0.00	1/ 0.00
NEW YORK	17,735	4,921	0.11	0.12	10.20	15.02
NORTH CAROLINA	6,165	7,815	0.21	0.23	9.95	15.74
NORTH DAKOTA	686	7,838	0.13	0.14	5.29	7.88
OHIO	10,752	6,966	0.14	0.15	10.45	16.41
OKLAHOMA	3,298	9,394	0.21	0.24	6.78	10.06
OREGON	2,674	7,832	0.19	0.21	8.45	13.51
PENNSYLVANIA	11,901	6,243	0.13	0.14	7.60	11.32
RHODE ISLAND	962	5,509	0.08	0.08	1/ 0.00	1/ 0.00
SOUTH CAROLINA	3,300	7,870	0.25	0.28	5.74	8.53
SOUTH DAKOTA	706	9,067	0.19	0.20	6.05	8.67
TENNESSEE	4,717	7,743	0.21	0.23	8.45	12.16
TEXAS	15,989	8,614	0.22	0.24	9.10	13.80
UTAH	1,652	7,059	0.17	0.19	8.16	12.40
VERMONT	530	8,308	0.19	0.22	7.65	11.20
VIRGINIA	5,636	7,900	0.16	0.18	9.19	13.28
WASHINGTON	4,349	7,875	0.15	0.16	9.67	14.11
WEST VIRGINIA	1,952	6,491	0.20	0.23	8.63	13.21
WISCONSIN	4,766	7,421	0.15	0.17	8.44	12.29
WYOMING	511	33	0.28	0.31	7.34	11.24
U. S. TOTAL	236,162	7,269	0.17	0.19	2/ 8.52	3/ 12.79

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.



**TABLE 9. FATAL AND INJURY ACCIDENT DATA  
RELATED TO LICENSED DRIVERS - 1984**

STATE	LICENSED DRIVERS		RATES PER THOUSAND DRIVERS			
	NUMBER (THOUSANDS)	VEHICLE MILES PER DRIVER	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	2,473	13,328	0.33	0.38	10.08	14.55
ALASKA	305	11,767	0.40	0.45	15.55	22.43
ARIZONA	2,257	9,133	0.35	0.39	16.21	25.52
ARKANSAS	1,674	9,929	0.28	0.31	11.05	17.87
CALIFORNIA	16,947	11,597	0.27	0.30	12.30	18.25
COLORADO	2,269	10,836	0.24	0.27	12.06	17.67
CONNECTICUT	2,337	9,018	0.19	0.20	14.71	20.70
DELAWARE	440	11,677	0.27	0.30	11.87	17.94
DIST. OF COL.	374	8,594	0.15	0.17	25.92	38.38
FLORIDA	8,186	10,442	0.31	0.36	15.78	24.72
GEORGIA	3,901	12,942	0.32	0.36	12.28	16.19
HAWAII	583	11,158	0.22	0.23	14.77	21.25
IDAHO	669	11,611	0.32	0.36	11.28	17.26
ILLINOIS	6,685	10,458	0.21	0.23	17.45	26.03
INDIANA	3,574	11,492	0.23	0.26	12.87	19.47
IOWA	1,927	10,637	0.20	0.22	10.06	14.46
KANSAS	1,692	11,062	0.27	0.30	12.77	19.10
KENTUCKY	2,249	12,428	0.30	0.34	13.17	19.60
LOUISIANA	2,830	11,162	0.30	0.34	15.94	26.36
MAINE	791	11,814	0.26	0.29	13.60	19.63
MARYLAND	2,861	11,081	0.21	0.22	1/ 0.00	1/ 0.00
MASSACHUSETTS	3,832	10,057	0.16	0.17	1/ 0.00	1/ 0.00
MICHIGAN	6,392	9,930	0.21	0.24	15.76	23.58
MINNESOTA	2,397	13,277	0.22	0.24	11.33	16.44
MISSISSIPPI	1,786	10,326	0.33	0.38	5.58	8.72
MISSOURI	3,354	11,489	0.25	0.29	12.71	19.16
MONTANA	474	15,582	0.43	0.50	13.09	19.75
NEBRASKA	1,108	10,801	0.23	0.26	12.02	18.05
NEVADA	681	10,767	0.32	0.37	11.93	17.87
NEW HAMPSHIRE	716	10,187	0.24	0.27	9.66	16.75
NEW JERSEY	5,680	9,210	0.15	0.16	12.40	18.52
NEW MEXICO	810	15,348	0.53	0.61	1/ 0.00	1/ 0.00
NEW YORK	9,716	8,982	0.19	0.21	18.62	27.41
NORTH CAROLINA	4,049	11,900	0.32	0.36	15.15	23.97
NORTH DAKOTA	434	12,389	0.20	0.23	8.37	12.45
OHIO	7,389	10,136	0.20	0.22	15.21	23.88
OKLAHOMA	2,206	14,044	0.32	0.37	10.14	15.03
OREGON	2,079	10,074	0.25	0.27	10.87	17.38
PENNSYLVANIA	7,470	9,946	0.21	0.23	12.10	18.04
RHODE ISLAND	611	8,674	0.12	0.13	1/ 0.00	1/ 0.00
SOUTH CAROLINA	2,100	12,367	0.39	0.44	9.01	13.40
SOUTH DAKOTA	487	13,144	0.27	0.29	8.77	12.56
TENNESSEE	2,978	12,264	0.33	0.37	13.39	19.27
TEXAS	10,856	12,688	0.32	0.36	13.41	20.33
UTAH	929	12,552	0.29	0.34	14.51	22.05
VERMONT	371	11,868	0.27	0.31	10.93	16.00
VIRGINIA	3,773	11,801	0.24	0.27	13.73	19.84
WASHINGTON	2,973	11,520	0.22	0.24	14.15	20.64
WEST VIRGINIA	1,208	10,489	0.33	0.37	13.94	21.34
WISCONSIN	3,148	11,235	0.23	0.26	12.78	18.61
WYOMING	360	14,242	0.39	0.44	10.42	15.95
U.S. TOTAL	155,390	11,048	0.25	0.29	2/ 12.95	3/ 19.44

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

**TABLE 10. FATAL AND INJURY ACCIDENT DATA  
RELATED TO VEHICLE REGISTRATIONS - 1984**

STATE	REGISTERED VEHICLES		RATES PER THOUSAND VEHICLES			
	NUMBER (THOUSANDS)	VEHICLE MILES PER VEHICLE	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	3,202	10,294	0.26	0.29	7.78	11.24
ALASKA	368	9,753	0.33	0.37	12.89	18.59
ARIZONA	2,111	9,765	0.37	0.41	17.33	27.28
ARKANSAS	1,503	11,059	0.31	0.34	12.31	19.91
CALIFORNIA	17,965	10,940	0.25	0.28	11.60	17.22
COLORADO	2,754	8,928	0.20	0.22	9.94	14.56
CONNECTICUT	2,366	8,908	0.18	0.20	14.53	20.45
DELAWARE	459	11,194	0.26	0.28	11.37	17.20
DIST. OF COL.	231	13,913	0.24	0.28	41.96	62.13
FLORIDA	9,394	9,099	0.27	0.31	13.75	21.54
GEORGIA	4,460	11,320	0.28	0.32	10.74	14.16
HAWAII	638	10,196	0.20	0.21	13.50	19.42
IDAHO	940	8,264	0.23	0.26	8.03	12.28
ILLINOIS	7,598	9,201	0.18	0.20	15.35	22.90
INDIANA	3,950	10,398	0.21	0.23	11.65	17.62
IOWA	2,443	8,390	0.15	0.17	7.93	11.41
KANSAS	2,122	8,820	0.21	0.24	10.18	15.23
KENTUCKY	2,590	10,792	0.26	0.29	11.43	17.02
LOUISIANA	2,958	10,679	0.29	0.32	15.25	25.22
MAINE	800	11,681	0.26	0.28	13.45	19.41
MARYLAND	3,193	9,929	0.18	0.20	1/ 0.00	1/ 0.00
MASSACHUSETTS	3,788	10,173	0.16	0.18	1/ 0.00	1/ 0.00
MICHIGAN	6,369	9,965	0.21	0.24	15.81	23.67
MINNESOTA	2,968	10,723	0.17	0.20	9.15	13.28
MISSISSIPPI	1,669	11,050	0.36	0.41	5.97	9.33
MISSOURI	3,521	10,944	0.24	0.27	12.11	18.25
MONTANA	685	10,782	0.30	0.35	9.06	13.67
NEBRASKA	1,257	9,521	0.20	0.23	10.60	15.91
NEVADA	745	9,842	0.29	0.33	10.90	16.33
NEW HAMPSHIRE	870	8,384	0.20	0.22	7.95	13.79
NEW JERSEY	4,896	10,685	0.18	0.19	14.39	21.48
NEW MEXICO	1,220	10,190	0.35	0.41	1/ 0.00	1/ 0.00
NEW YORK	8,644	10,096	0.22	0.24	20.92	30.81
NORTH CAROLINA	4,369	11,028	0.30	0.33	14.04	22.22
NORTH DAKOTA	691	7,781	0.13	0.14	5.25	7.82
OHIO	7,894	9,488	0.19	0.21	14.23	22.35
OKLAHOMA	2,781	11,140	0.25	0.29	8.04	11.93
OREGON	2,183	9,594	0.23	0.26	10.35	16.55
PENNSYLVANIA	7,081	10,492	0.22	0.24	12.77	19.03
RHODE ISLAND	622	8,521	0.12	0.13	1/ 0.00	1/ 0.00
SOUTH CAROLINA	2,128	12,204	0.39	0.43	8.89	13.22
SOUTH DAKOTA	643	9,955	0.21	0.22	6.64	9.52
TENNESSEE	3,569	10,233	0.28	0.31	11.17	16.08
TEXAS	12,172	11,316	0.28	0.32	11.96	18.13
UTAH	1,090	10,698	0.25	0.29	12.36	18.80
VERMONT	377	11,679	0.26	0.31	10.75	15.74
VIRGINIA	4,047	11,002	0.23	0.25	12.80	18.50
WASHINGTON	3,430	9,985	0.19	0.21	12.27	17.89
WEST VIRGINIA	1,378	9,195	0.29	0.32	12.22	18.71
WISCONSIN	3,094	11,431	0.23	0.27	13.01	18.93
WYOMING	494	10,379	0.29	0.32	7.59	11.62
U. S. TOTAL	166,720	10,297	0.24	0.27	2/ 12.07	3/ 18.12

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.



TABLE 11 -- FATAL AND INJURY ACCIDENTS IN PUERTO RICO: 1984

HIGHWAY SYSTEM	HIGHWAY MILES	VEHICLE MILES (millions)	INJURY ACCIDENTS		PERSONS INJURED	
			FATAL	NONFATAL	FATALITY	NONFATALITY
			Number	Rate*	Number	Rate*
<b>FEDERAL-AID</b>						
Interstate (Rural)	1350	8250	35	4.24	913	110.67
Interstate (Urban)	680	18090	59	3.26	2215	122.44
Other Primary (Rural)	3890	8490	103	12.13	3238	381.39
Other Primary (Urban)	1190	13790	40	2.90	2514	182.31
Urban Arterial (Urban)	2540	23070	71	3.08	5083	220.33
Urban Collector (Urban)	930	4480	11	2.46	1032	230.36
Secondary (Rural)	7150	9260	44	4.75	2675	288.88
All Federal-Aid	17730	85430	363	4.25	17670	206.84
<b>NON-FEDERAL-AID</b>						
Arterial (Rural)	100	260	3	11.54	313	1203.85
Arterial (Urban)	770	326	16	49.08	823	2524.54
Collector (Rural)	4580	3530	26	7.37	1750	495.75
Collector (Urban)	1890	5940	10	1.68	1209	203.54
Local (Rural)	32710	3560	70	19.66	4945	1389.04
Local (Urban)	22340	12930	25	1.93	4319	334.03
All Non-Federal-Aid	62390	26546	150	5.65	13359	503.24
All Rural Highways	49780	33350	281	8.43	13834	414.81
All Urban Highways	30340	81560	232	2.84	17195	210.83
TOTAL	80120	114910	513	4.46	31029	270.03

\* Per 100 million vehicle-miles

## SECTION V--RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

The vehicle-mile fatality rate is the measure most commonly used for comparing the safety of different highway systems or the safety of highways in different States. A State often judges its own performance by comparing its fatality rates with the national fatality rate. The primary reason for differences in fatality rates appears to be variation in travel density over which the States have little control. Because the travel density varies widely among the States, it should not be expected that all States will have similar fatality rates. While there are without question many reasons other than variation in travel density for differences among the fatality rates of the States, it is difficult to quantify these reasons well enough to develop reliable definitions of relationships between fatality rates and specific features.

The general characteristics of the relationship between fatality rates and travel density were described in Section I. Curves illustrating provisional rate-density relationships have been derived from reported data for the 4-year period from 1980 through 1983. The relationships must be regarded as provisional because they are based on data which are incomplete and known to contain errors. Despite their flaws, the curves provide a more suitable base than the national fatality rate for evaluating State rates. A curve describing the provisional rate-density relationship for all highways in the States is shown in Figure 7-A1.

In comparing State fatality rates a second consideration should be taken into account. Even if the risk (probability) of traffic fatalities were dependent only on travel density, rates would vary at random from those on the rate-density curve. (Accidents and related rates are "random" in a statistical sense--while any attempt to drive a vehicle a given distance may or may not result in an accident, there is nonetheless a degree of statistical regularity which permits reasonably reliable estimation of the number of accidents expected from a large number of attempts. To speak of accidents as random events is not to say that accidents are unrelated to driving hazards or driver skill.) The random variation of fatality rates is larger when the volume of traffic is small. For example, a random variation of 10 percent would be much more likely to occur in the Delaware fatality rate than in fatality rates for California or New York.

The random variation of fatality rates is somewhat analogous to the random variation observed when flipping a coin repeatedly. If the probability of "heads" is 1 in 2, the ratio of the number of heads to the number of flips approaches  $1/2$  as the number of flips increases. Similarly, if the probability that a fatality will result from an attempt to drive one vehicle-mile is 3 in 100 million, the ratio of fatalities to vehicle-miles will approach  $3/(100 \text{ million})$  as the number of vehicle-miles increases. While the number of vehicle-miles or flips of a coin is increasing, ratios vary at random. The amount of variation can be computed by applying the binomial probability law for the appropriate number of vehicle-miles or flips. Approximations of the binomial law are commonly used to simplify computation.

\*\*\*\*\*

\*  
\*  
\* USING RATE-DENSITY RELATIONSHIPS \*  
\*  
\* Rate-density curves may be regarded as sets of provisional \*  
\* national norms for fatality rates. Figure 7-A1 on page 53 shows \*  
\* the rate-density curve for all roads in the United States. \*  
\*  
\* For a particular State, the value of the provisional national \*  
\* norm depends on the daily number of vehicle-miles per mile of \*  
\* highway--or average daily traffic (ADT) in that State. For a \*  
\* State with a daily average of 2,000 vehicle-miles of travel per \*  
\* mile of highway, Figure 7-A1 indicates that a normal fatality \*  
\* rate would be slightly above 3 fatalities per 100 million \*  
\* vehicle-miles. \*  
\*  
\* Some random deviation of State rates from provisional national \*  
\* norms is expected. Most of this random deviation would fall \*  
\* within provisional ranges such as those shown in Figure 7-A2 on \*  
\* page 54. Differences in the width of provisional ranges reflect \*  
\* differences in volumes of travel; ranges are widest in the States \*  
\* with the least travel. When State rates fall above or below the \*  
\* provisional ranges, the deviation from the provisional national \*  
\* norm is likely to be caused by something other than random \*  
\* variation. Possible causes include effective safety programs, \*  
\* hazardous highways, inconsistent data, and many other \*  
\* contributing factors. \*  
\*  
\* Figure 7 may be used to answer questions such as: \*  
\*  
\* 1. Where are successful safety programs most likely to be found? \*  
\*  
\* See Figures 7-A2, -B2, etc. Those States where the 1984 \*  
\* fatality rate is to the left of the provisional range are \*  
\* most likely to have successful safety programs. \*  
\*  
\* 2. Are safety programs in a particular State more likely to \*  
\* have been successful on some systems than on others? \*  
\*  
\* See Figures 7-C2, -D2, etc. Safety programs are more likely \*  
\* to have been successful on those highway systems where the \*  
\* 1984 fatality rate is to the left of the provisional range. \*  
\*  
\* 3. Where, in a particular State, is the greatest potential for \*  
\* improvement of safety programs likely to be found? \*  
\*  
\* See Figures 7-C2, -D2, etc. The greatest potential for \*  
\* reduction of traffic deaths in a State is likely to be on \*  
\* those highway systems where the 1984 fatality rate is to the \*  
\* right of the provisional range. \*  
\*  
\*\*\*\*\*



The application of the binomial probability law to accident rates yields results that approximate observed experience. This procedure is widely used by the States to identify hazardous sections of highway. It does not give precise results primarily because the probability of a fatality (or other event of interest) is not the same for every attempt that is made to drive a vehicle-mile without an accident.

The rate-density curve in Figure 7A-1 is an exponential curve fitted to the data points by a weighted least squares procedure. Each data point is defined by a State fatality rate and travel density for the 4-year period. The point is weighted in proportion to the vehicle-miles of travel in the State during those 4 years.

Because the volume of travel is different for each State, the magnitude of random variation is also different. To illustrate the effect of the differences, provisional ranges have been computed and are shown in Figure 7-A2. For each State, the observed 1984 fatality rate is shown along with a provisional range centered upon a value taken from the rate density curve in Figure 7-A1. If variations from rates on the rate-density curve in Figure 7-A1 followed a binomial distribution, the probability would be 99 out of 100 that each observed rate would fall within the provisional range shown in Figure 7-A2. Conversely, the chances would be only 1 in 100 that an observed rate would fall outside the provisional range if the risk were the same in 1984 as in the preceding 4 years and variation from the rate-density curve were random. If a rate falls above or below the range shown, it is likely that it is unusually high or low for some reason other than random variation. It is evident from Figure 7-A2 that most State fatality rates varied significantly from the provisional rate-density curve. While the 1984 fatality rates were about the same for Oklahoma and Vermont, Oklahoma's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. Vermont's rate, on the other hand, is well within the provisional range, where deviation from the rate-density curve is less significant. Analysis of the possible reasons for the low rate in Oklahoma and the rates outside provisional ranges in many other States is beyond the scope of this report. In Figure 7-A2, States are arranged in order of travel density to facilitate comparison of States with similar travel densities; the State with the most vehicle miles per mile of highway (i.e., the highest average daily traffic) is at the top.

In Figures 7-B1, 7-B2a, and 7-B2b, rural and urban fatality rates for each State are shown separately but in the same manner as the information in Figures 7-A1 and 7-A2.

Other provisional ranges relationships, as well as provisional rate changes and observed fatality rates for the highway systems in each State, are shown in Figures 7-C1 through 7-F2b.

It can be seen in Figure 7 that, for every system, fatality rates observed in 1984 were rarely above the provisional range based on 1980 through 1983 experience.



Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
ALL HIGHWAYS

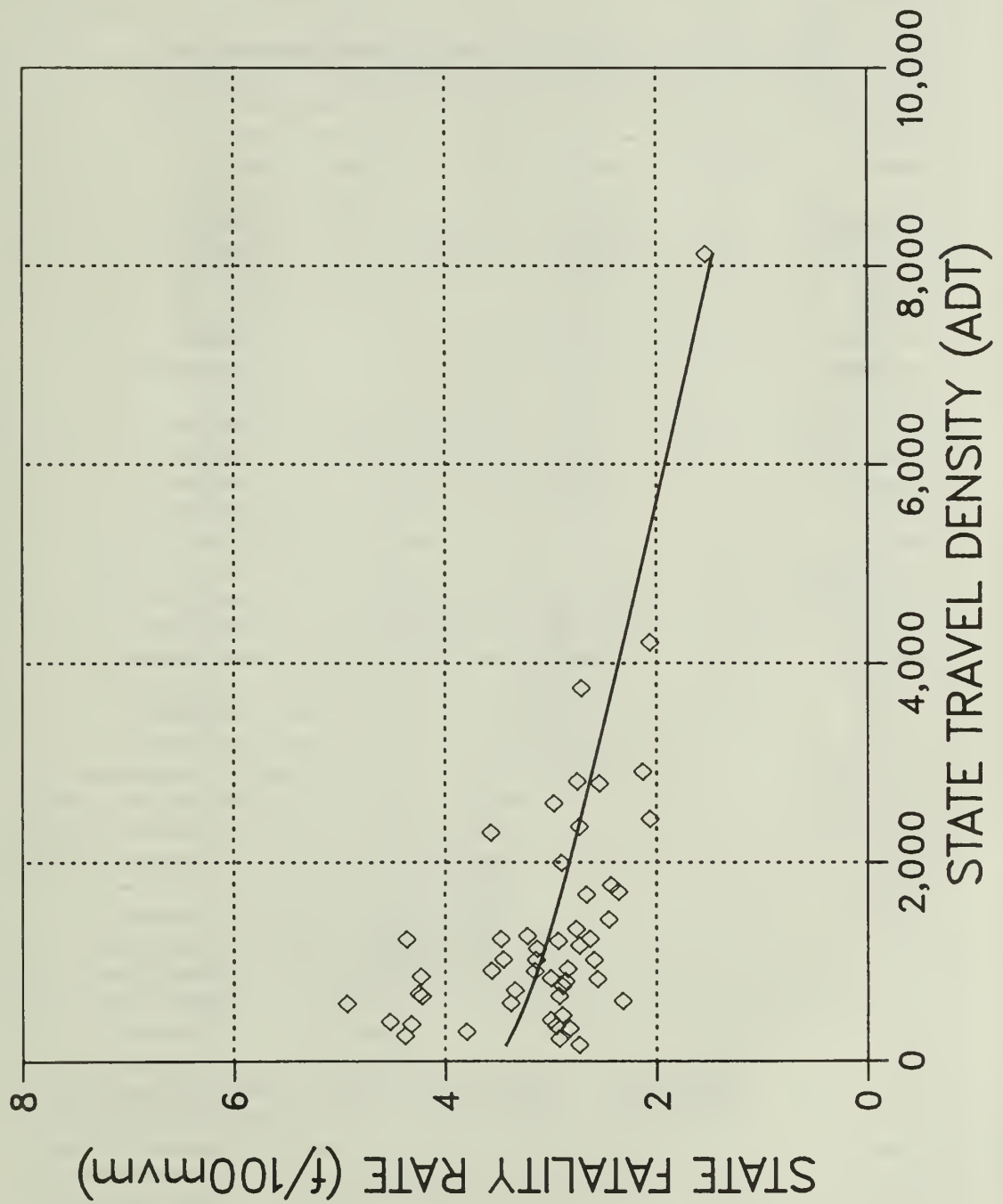


Figure 7-A2 FATALITY RATE BY STATE-ALL HIGHWAYS (1984)

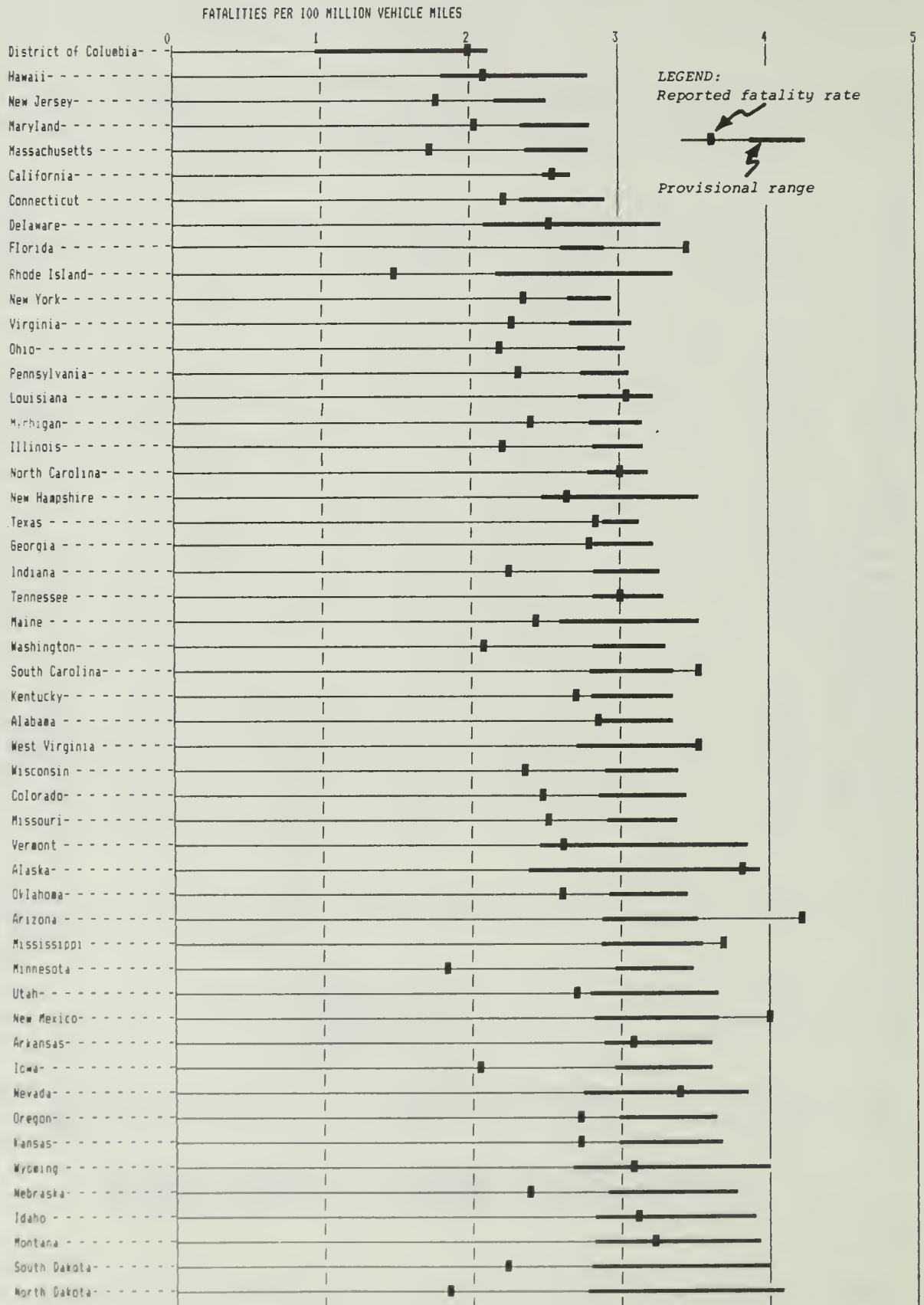
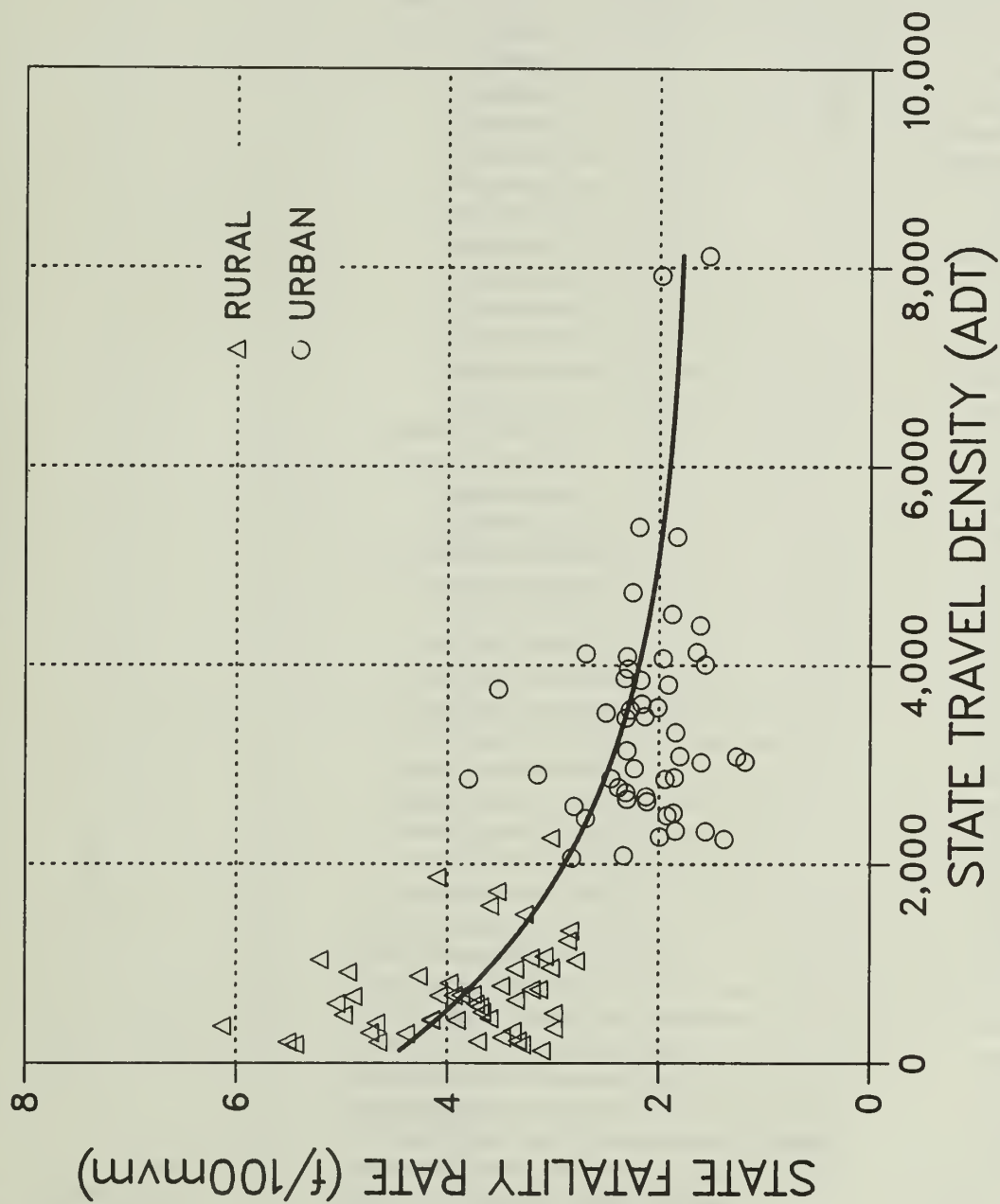


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
RURAL AND URBAN HIGHWAYS



**Figure 7-B2a FATALITY RATE BY STATE--ALL RURAL HIGHWAYS (1984)**

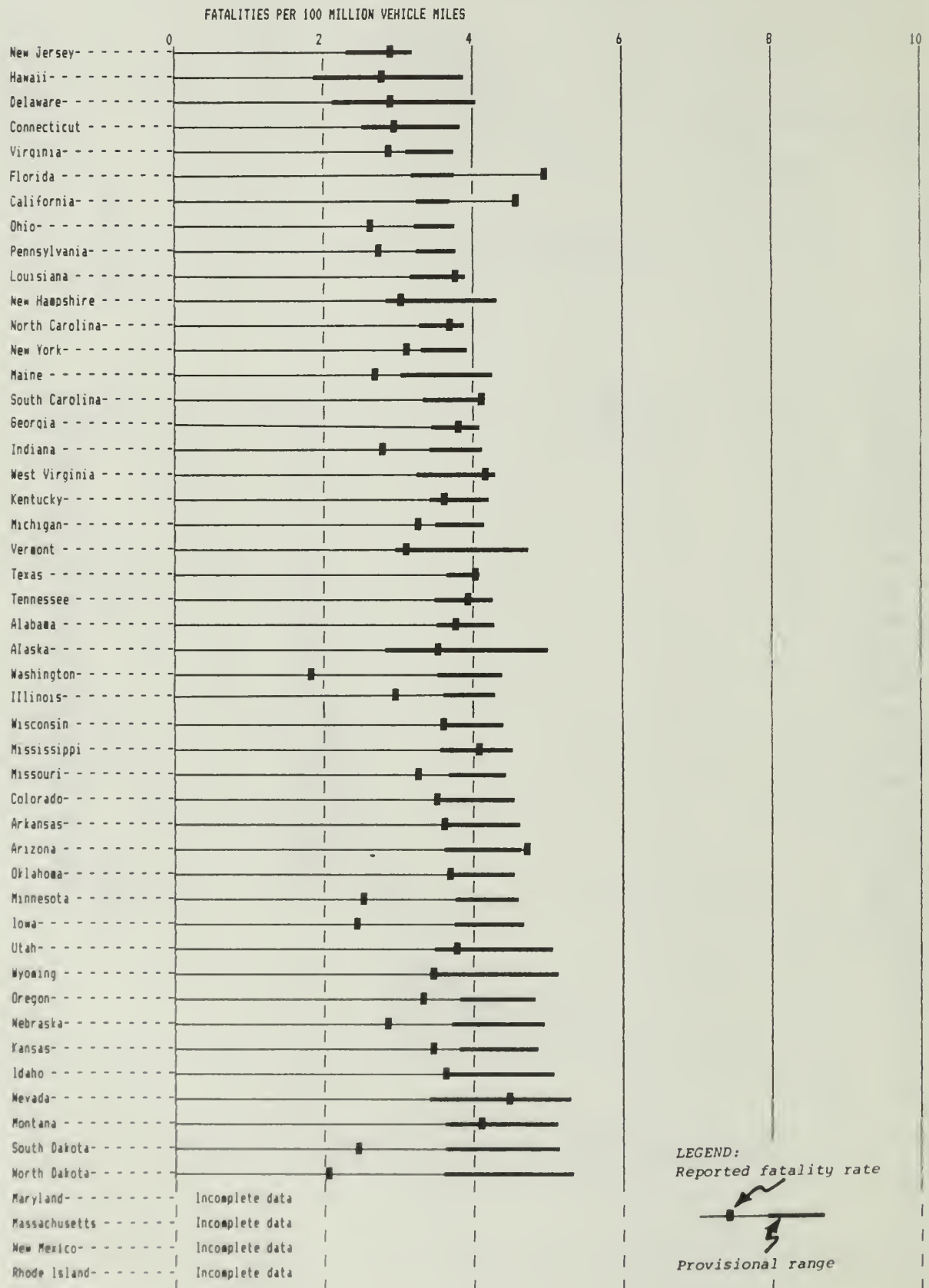




Figure 7-B2b FATALITY RATE BY STATE--ALL URBAN HIGHWAYS (1984)

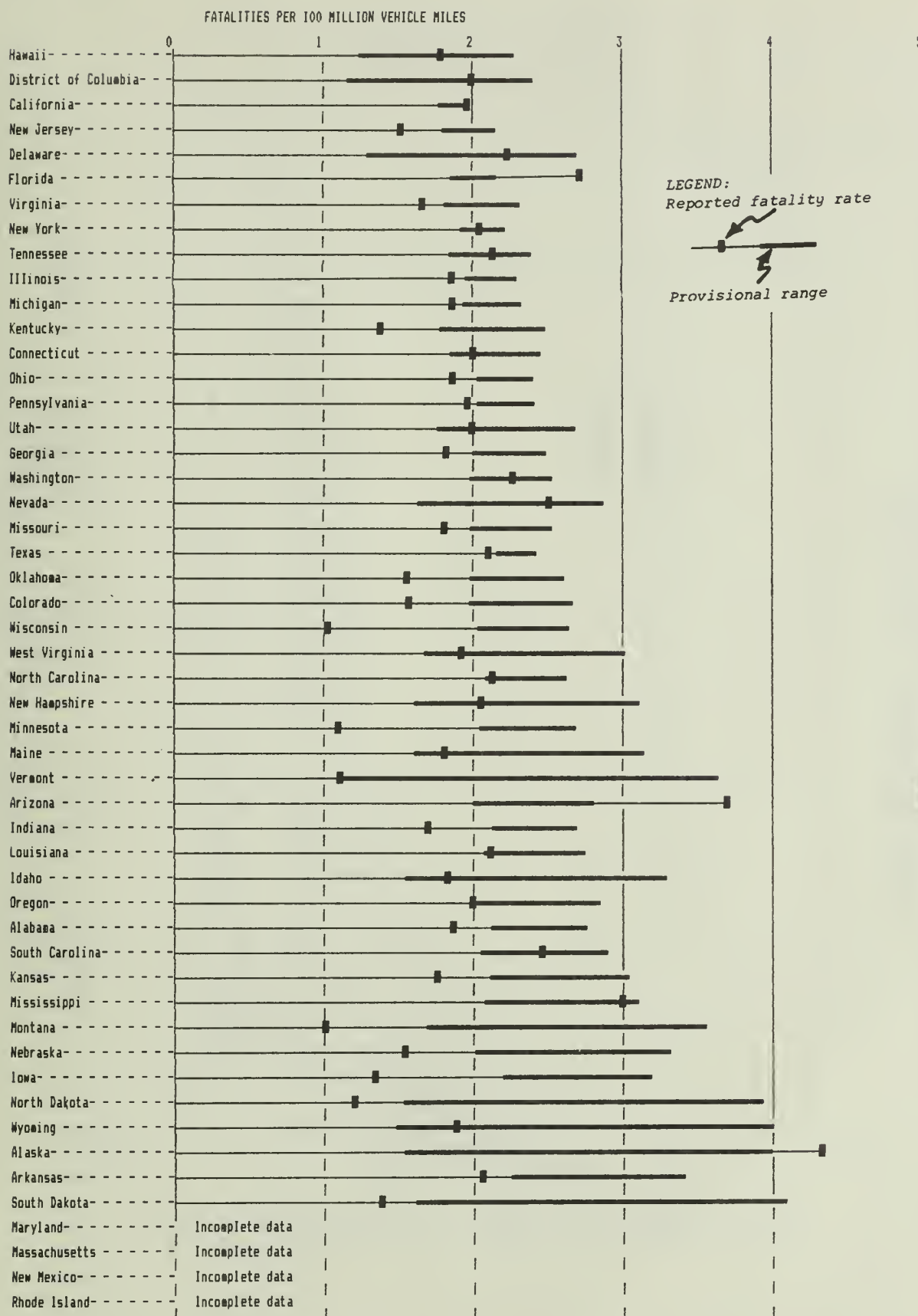
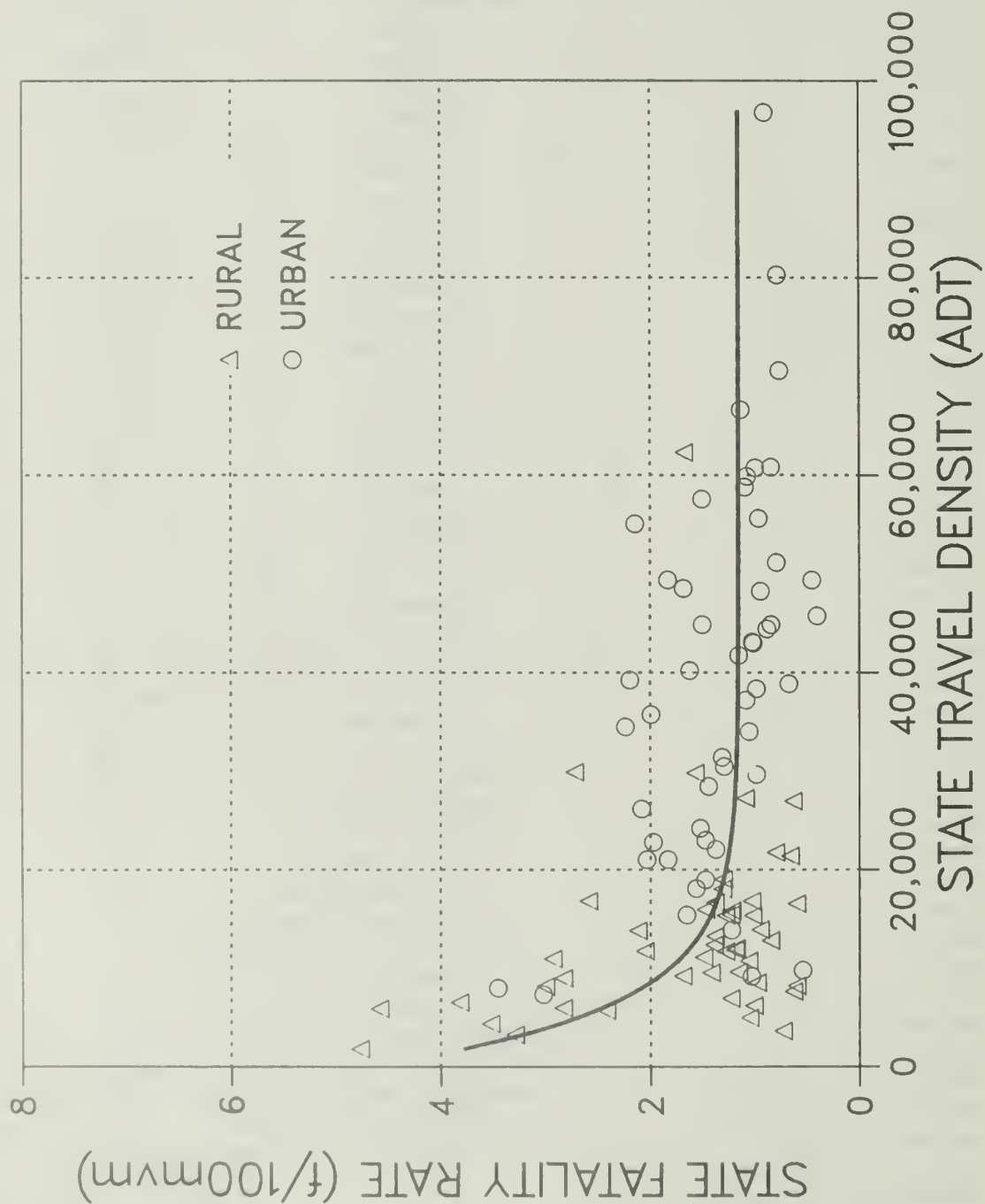
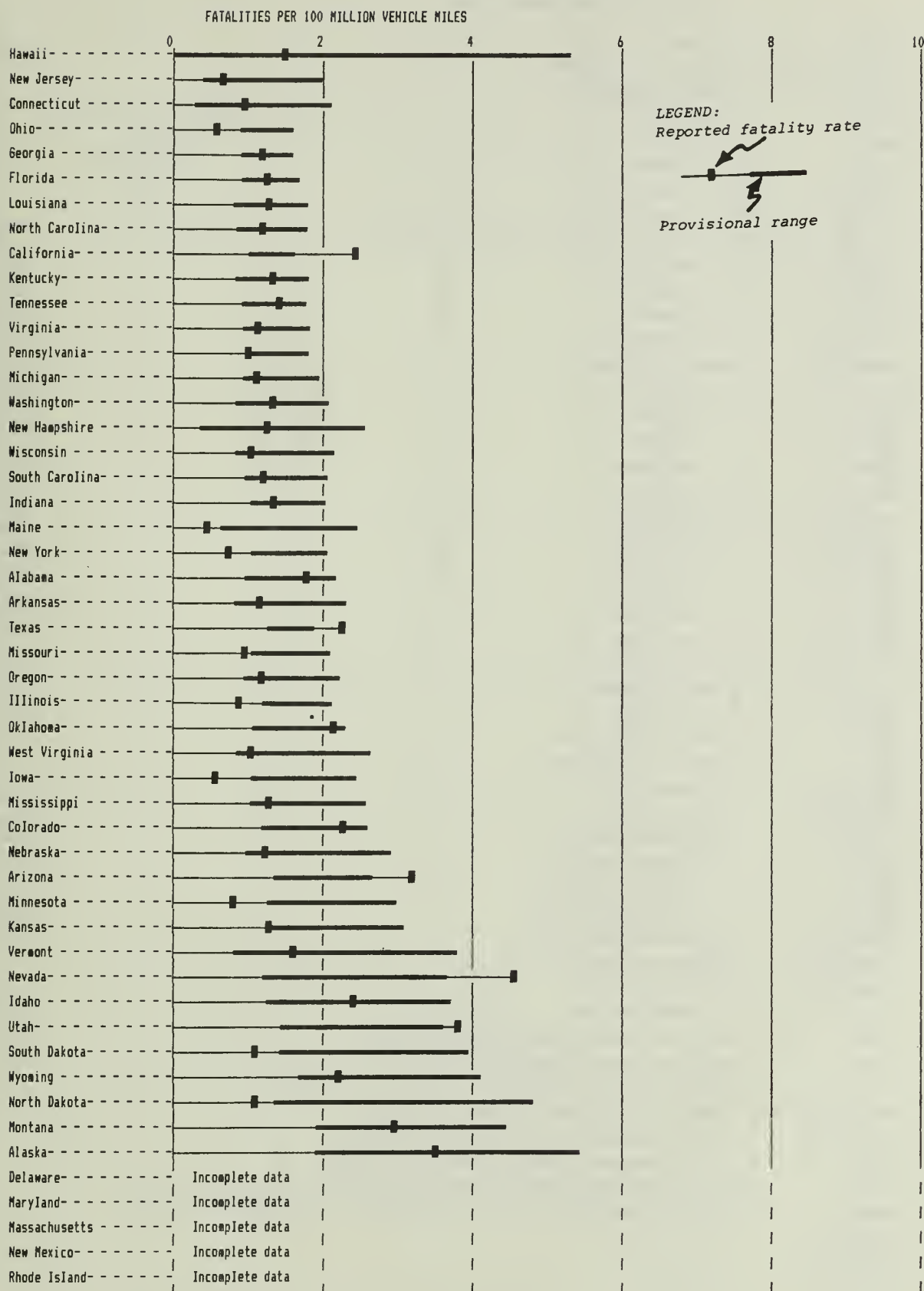


Fig. 7-C1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
INTERSTATE SYSTEM



**Figure 7-C2a FATALITY RATE BY STATE--RURAL INTERSTATE HIGHWAYS (1984)**

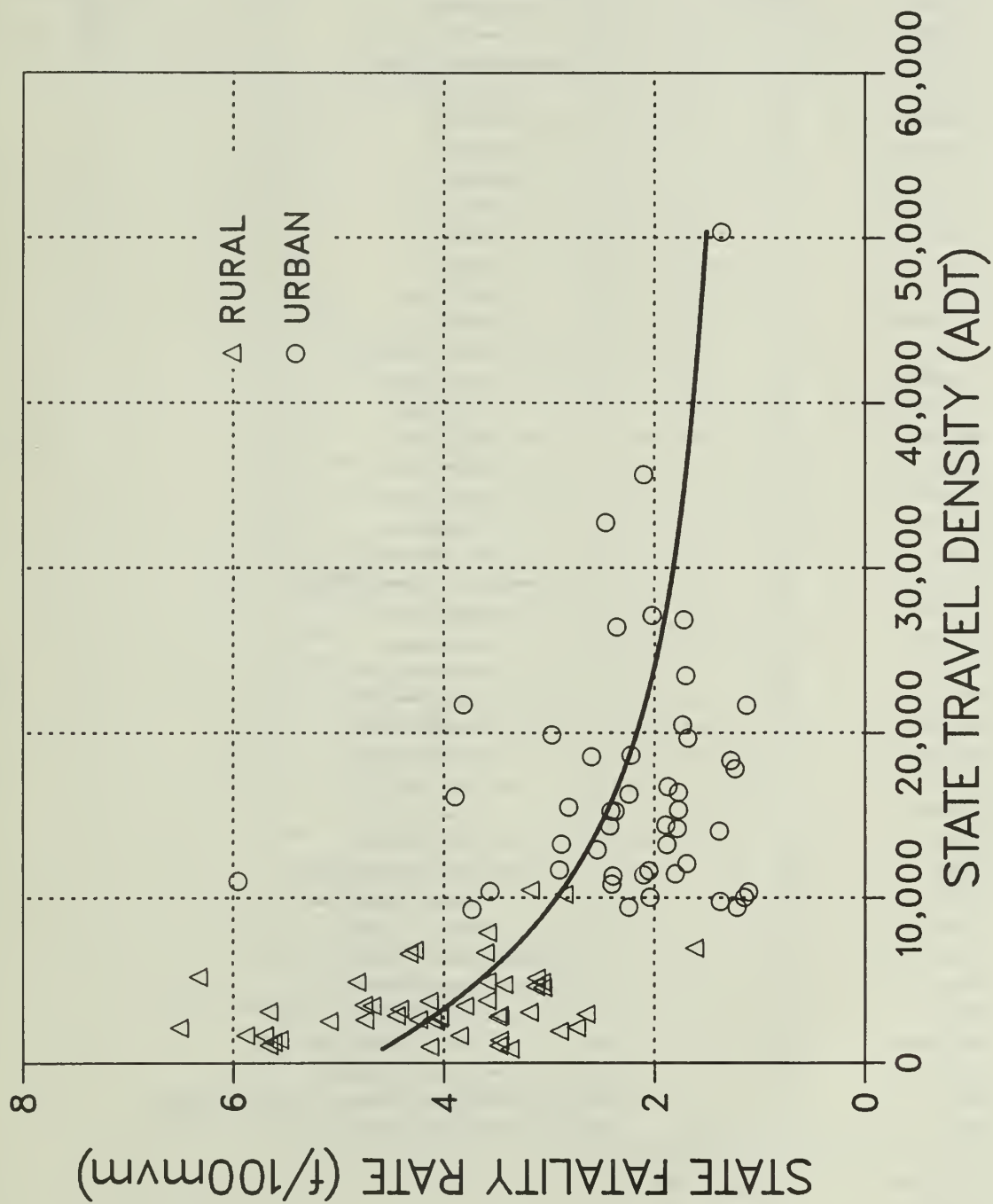


**Figure 7-C2b FATALITY RATE BY STATE--URBAN INTERSTATE HIGHWAYS (1984)**

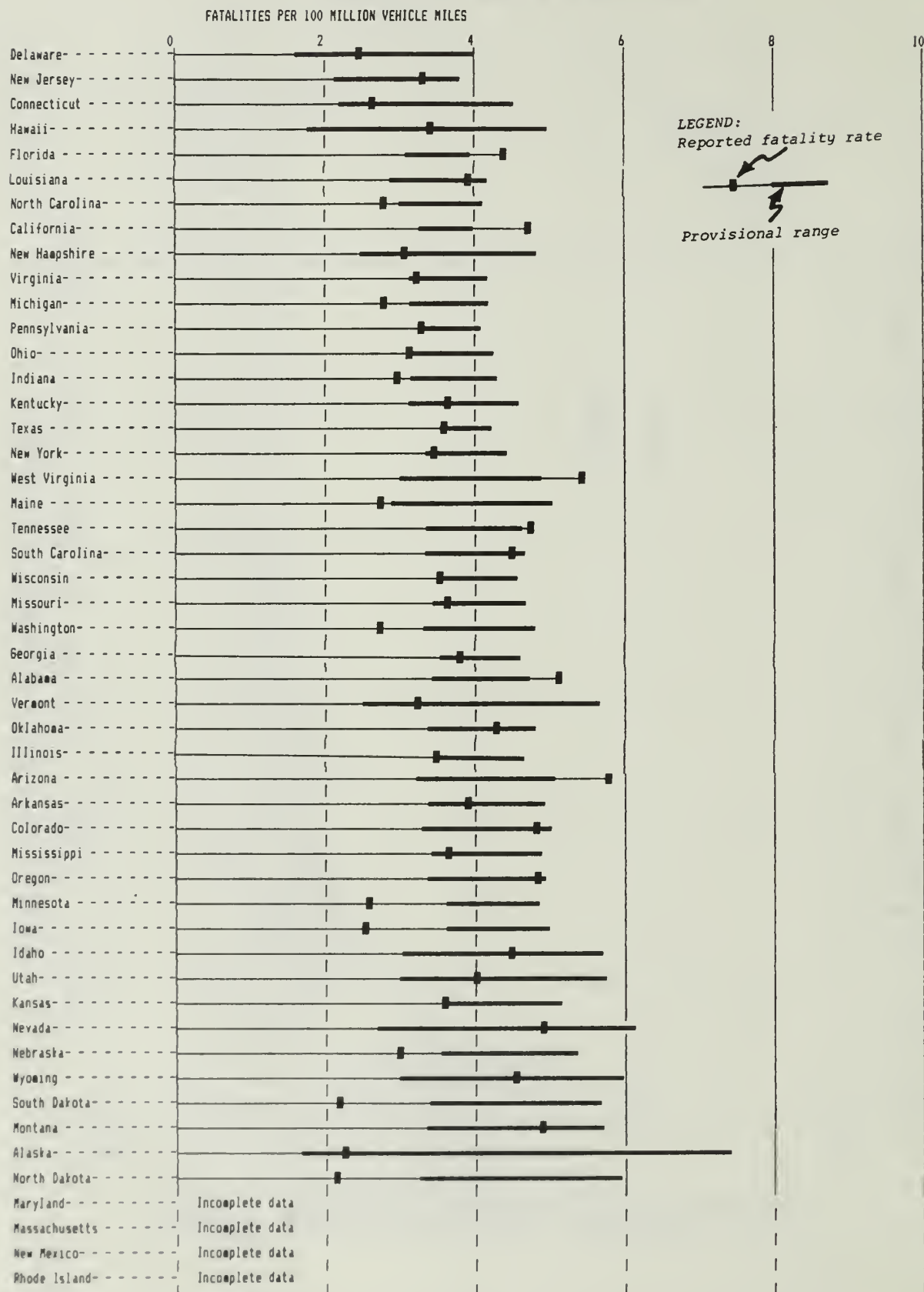




Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
OTHER FEDERAL-AID PRIMARY HIGHWAYS



**Figure 7-D2a FATALITY RATES BY STATES-OTHER RURAL  
FEDERAL-AID PRIMARY HIGHWAYS (1984)**



**Figure 7-D2b FATALITY RATES BY STATE-OTHER URBAN  
FEDERAL-AID PRIMARY HIGHWAYS (1984)**

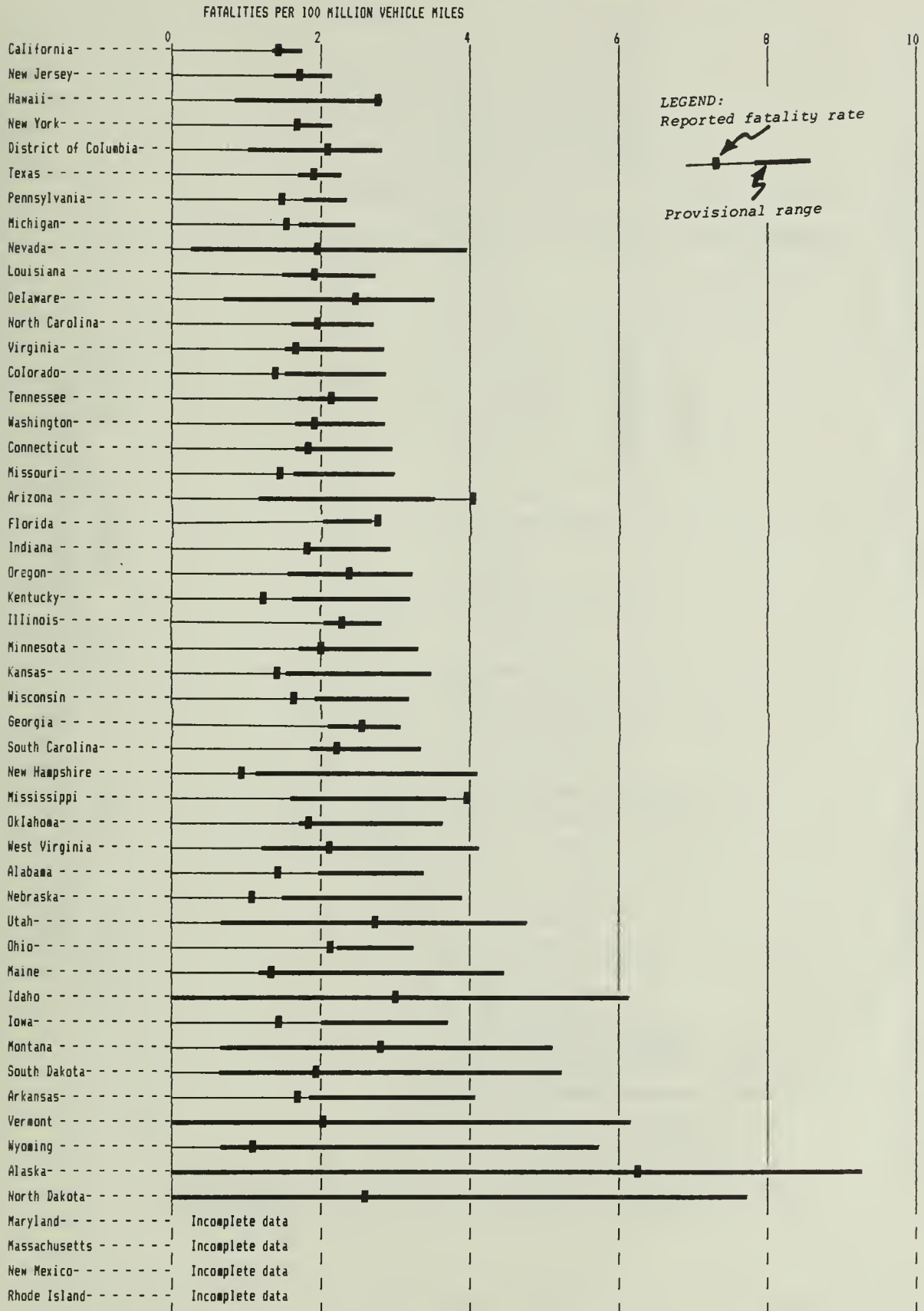
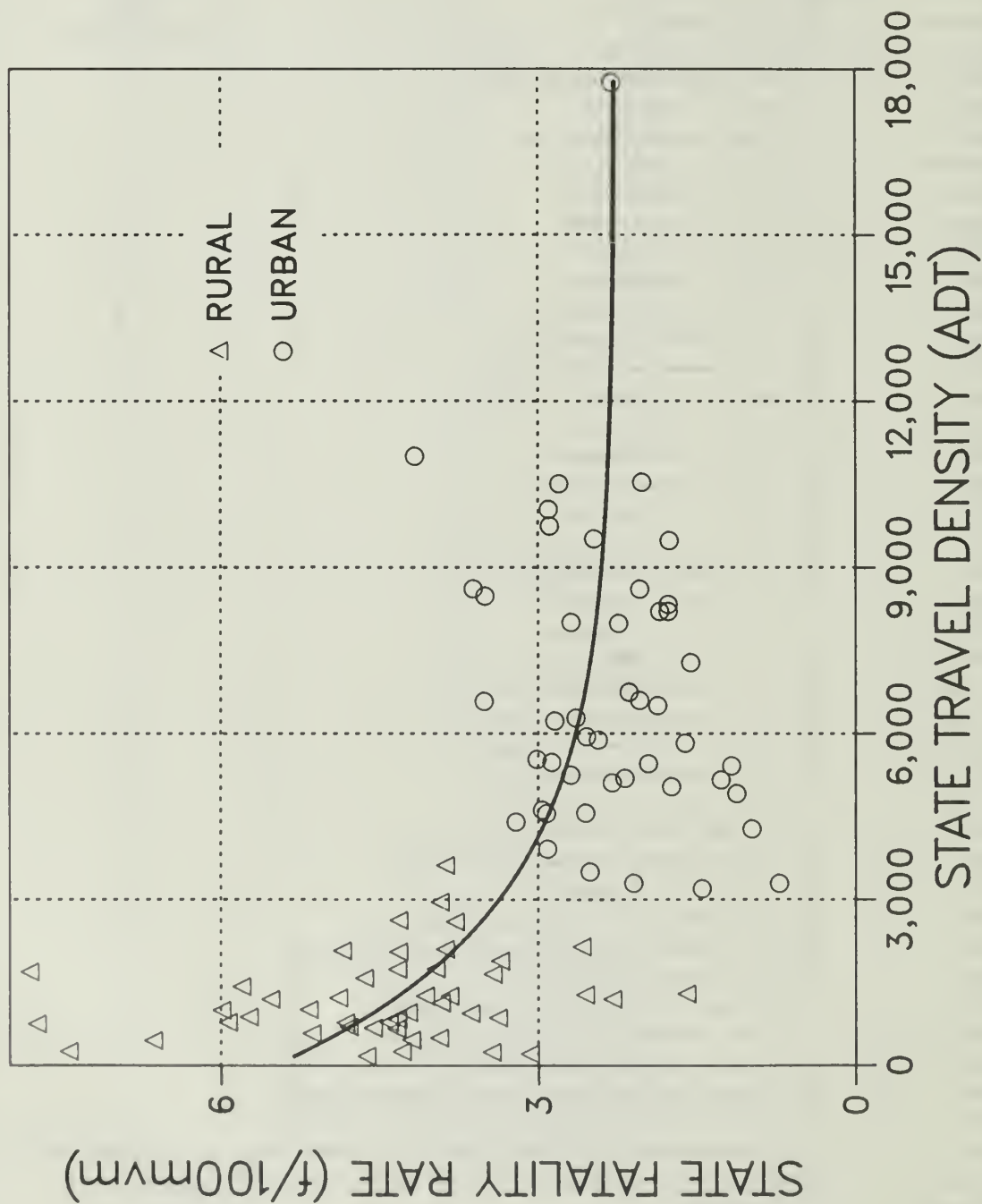
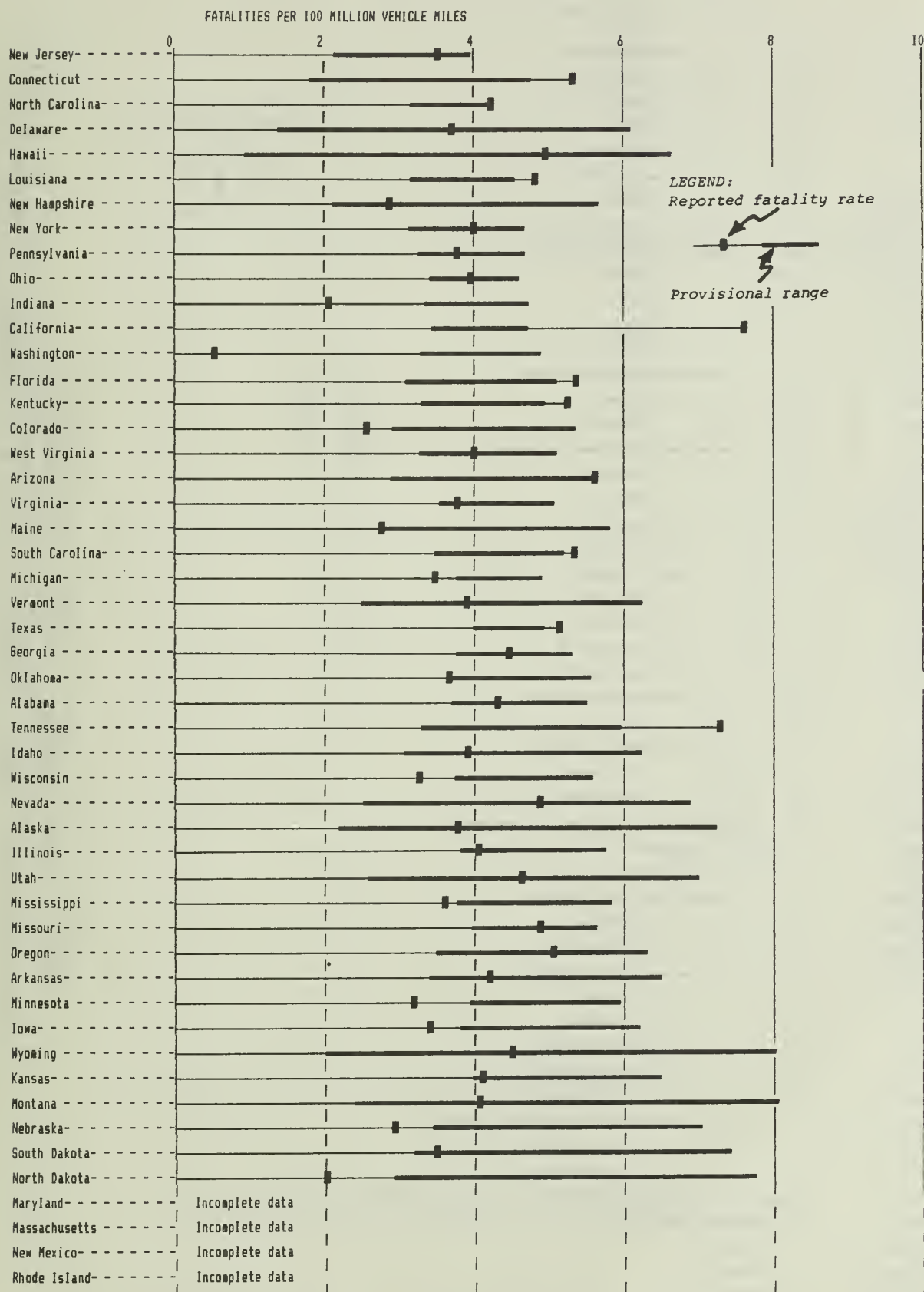


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
FEDERAL-AID SECONDARY AND URBAN SYSTEMS





**Figure 7-E2a FATALITY RATE BY STATE—FEDERAL-AID SECONDARY HIGHWAYS (1984)**



**Figure 7-E2b FATALITY RATE BY STATE—FEDERAL-AID URBAN SYSTEM HIGHWAYS (1984)**

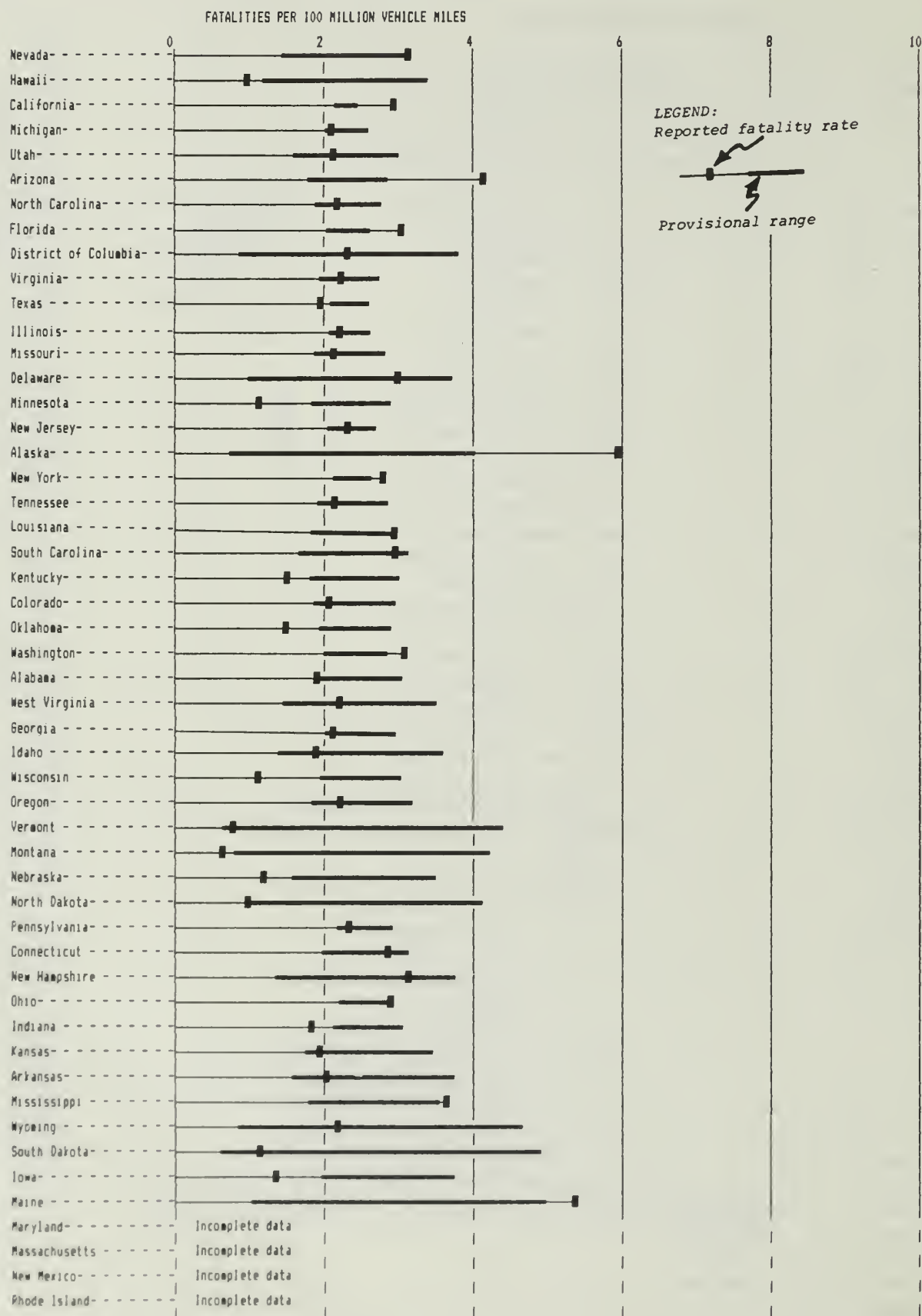
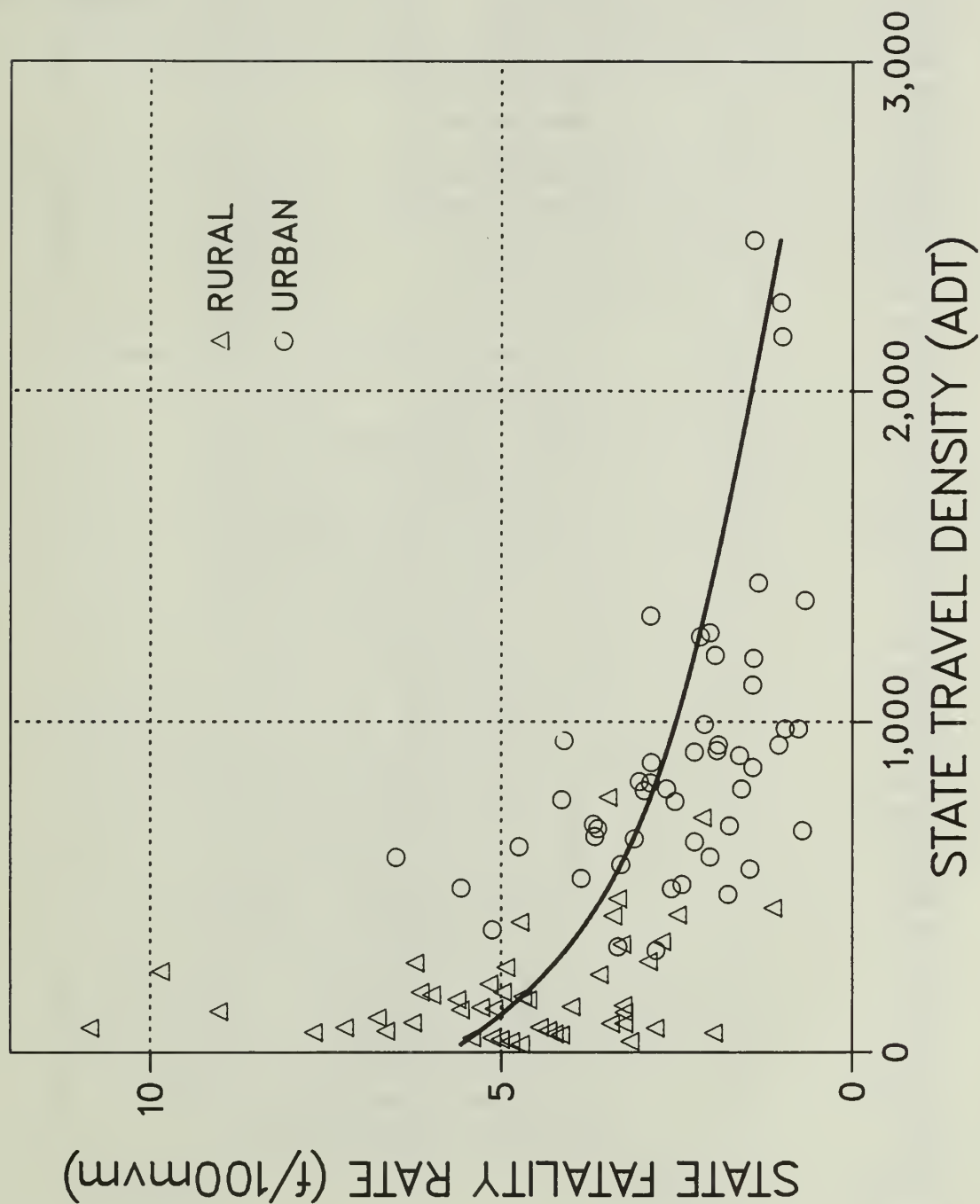
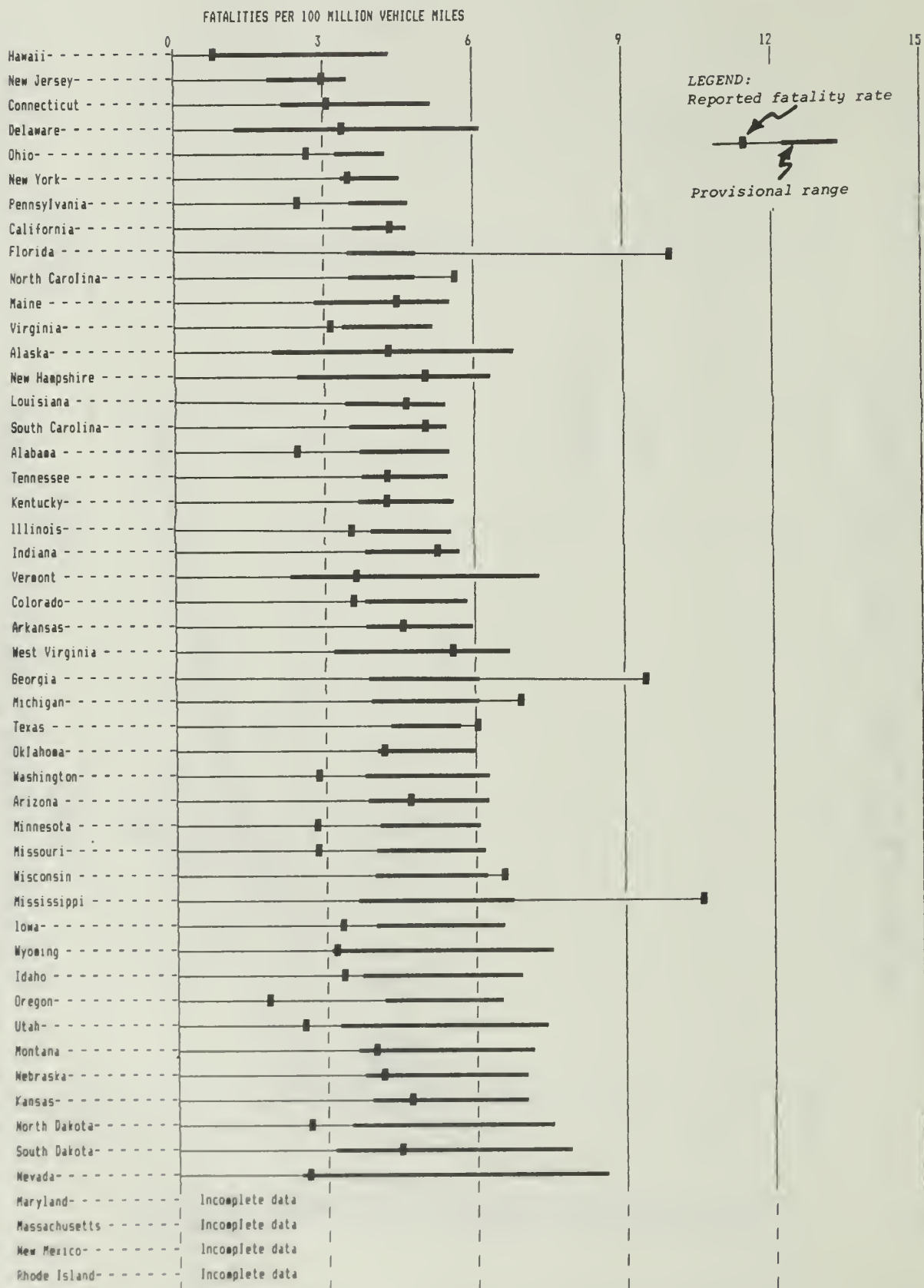


Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1980-83)  
NON-FEDERAL-AID HIGHWAYS

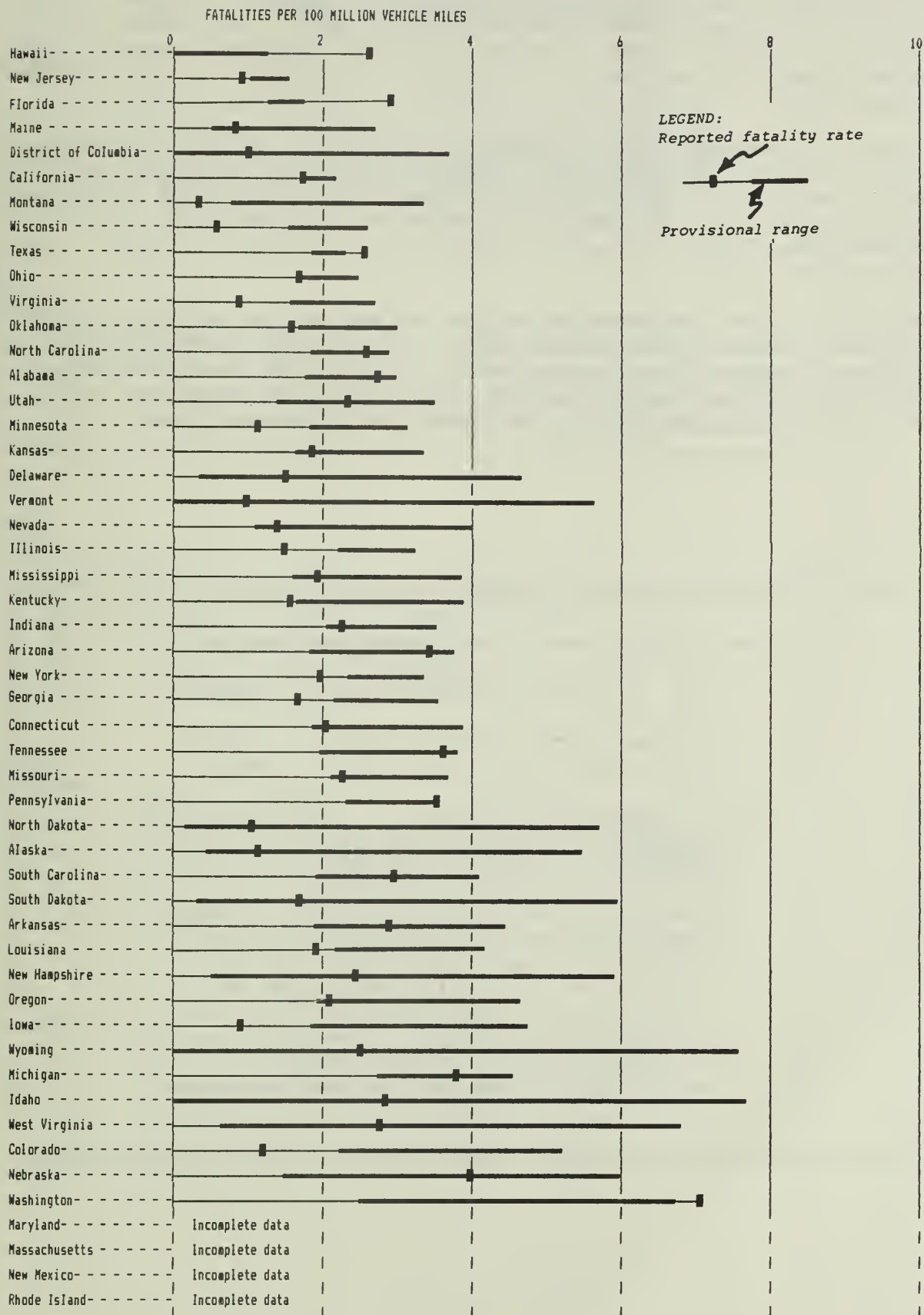


**Figure 7-F2a FATALITY RATE BY STATE--RURAL NON-FEDERAL-AID HIGHWAYS (1984)**





**Figure 7-F2b FATALITY RATE BY STATE--URBAN NON-FEDERAL-AID HIGHWAYS (1984)**



## SECTION VI--STATE FATALITY RATE TRENDS

It is sometimes more useful to know the trend within a State than to know how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1980 through 1984. The format of the graphs is similar to that in Figure 7-A2. The provisional range for each of the 5 years is based on the provisional rate-density curve shown in Figure 7-A1.

Figure 8 is designed to show, within each State, the pattern of observed rates over the 5-year period and the relationship of observed rates to provisional ranges. Because of differences in the magnitude of individual State rates, not all States are shown at the same scale. It is not intended that Figure 8 be used to compare the magnitude of fatality rates in different States.

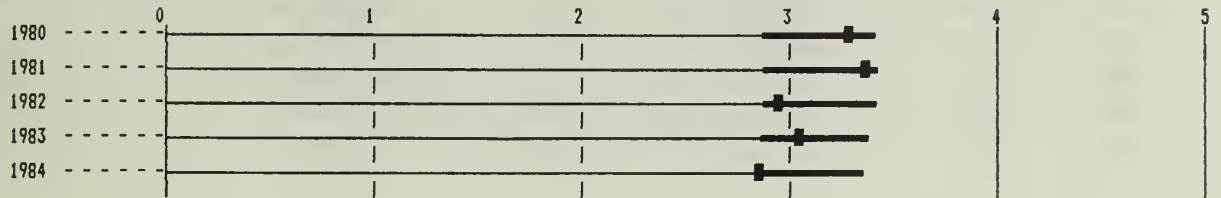
While some States like Kentucky and New York demonstrate steadily decreasing fatality rates throughout the 5-year period, Arkansas reports little improvement since 1980. In the majority of States, the rate reported for 1984 is substantially lower than the rates for the preceding year. Only six States have a 1984 fatality rate above the provisional range.

```
*****
*
*           Figure 8 may be used to answer questions such as:           *
*
*           1. Are the fatality rates in a State improving?               *
*
*           See pages 71-81. Most States show steadily                   *
*           improving fatality rates. A few do not.                       *
*
*           2. How have fatality rates in a particular State             *
*           compared with those in the rest of the United                 *
*           States over the past five years?                               *
*
*           See pages 71-81. For any year in a selected                  *
*           State, a fatality rate to the left of the                    *
*           provisional range indicates that the State                   *
*           fatality rate is significantly below the                     *
*           1980-82 national experience for States with                 *
*           similar travel density. A fatality rate to                   *
*           the right of the provisional range is                        *
*           significantly above such national experience.                 *
*
*
*****
```

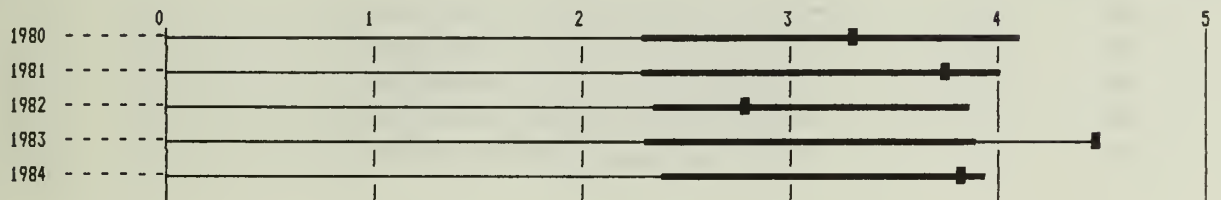
# Figure 8 STATE FATALITY RATES (1980-1984)

(Fatalities per 100 million vehicle-miles)

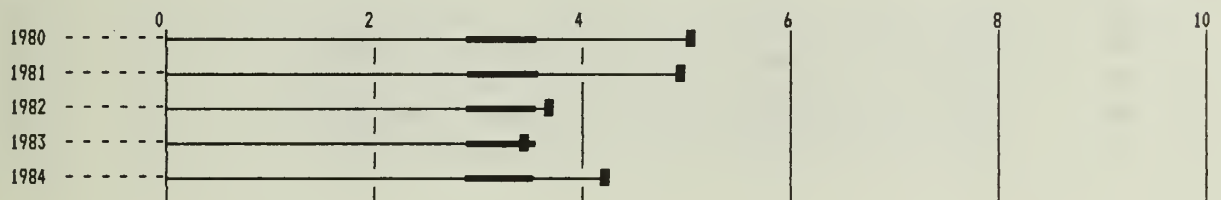
## ALABAMA



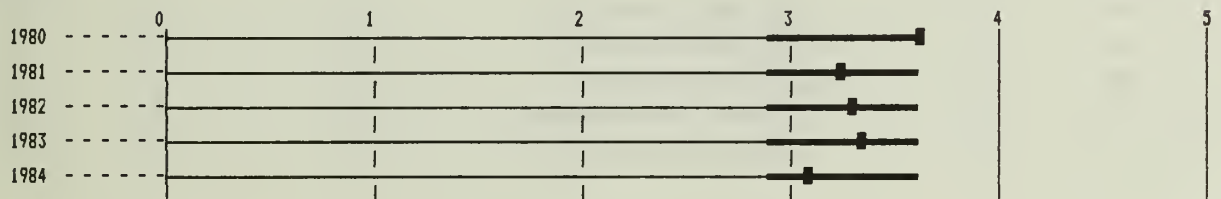
## ALASKA



## ARIZONA



## ARKANSAS



## CALIFORNIA

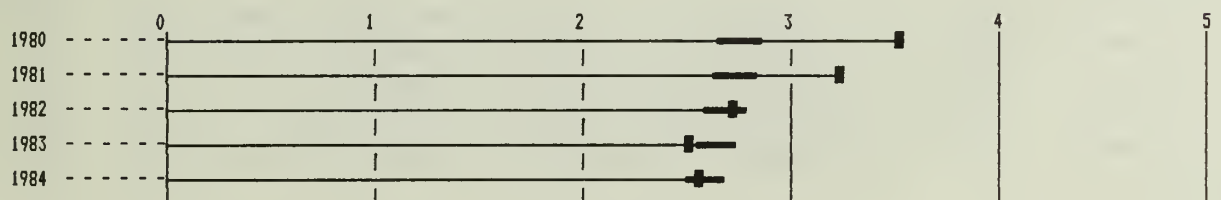
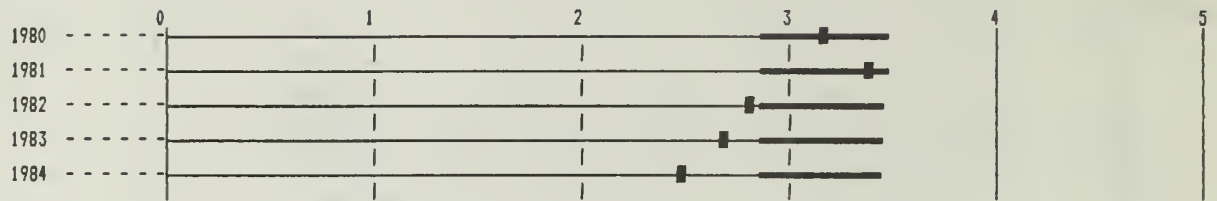
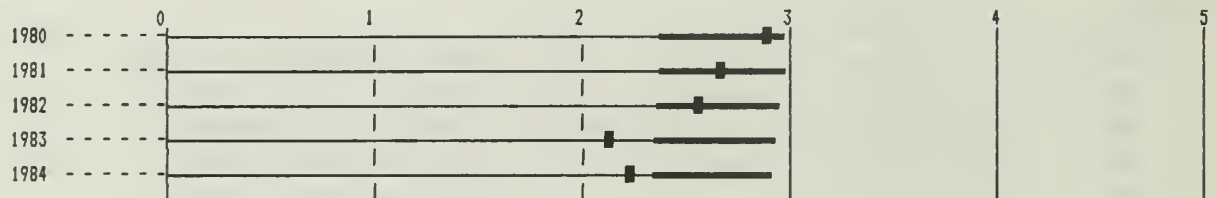


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

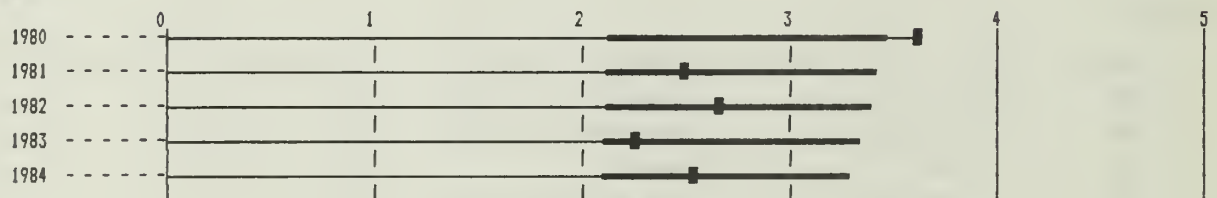
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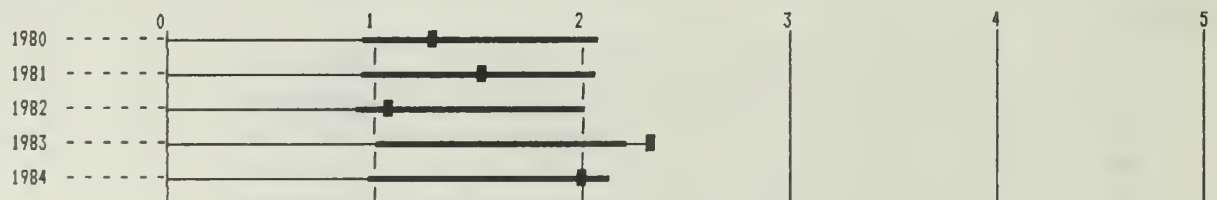
CONNECTICUT



DELAWARE



DISTRICT OF COLUMBIA



FLORIDA

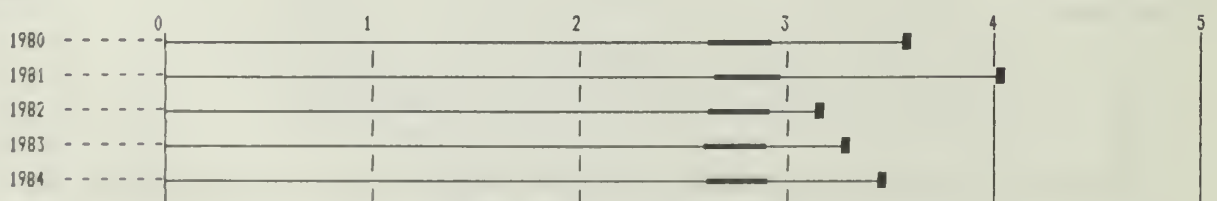
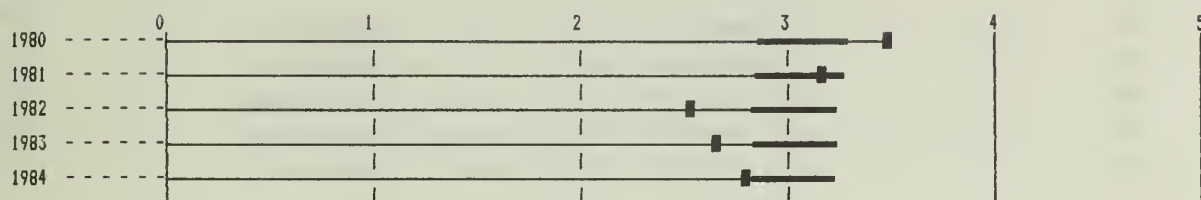


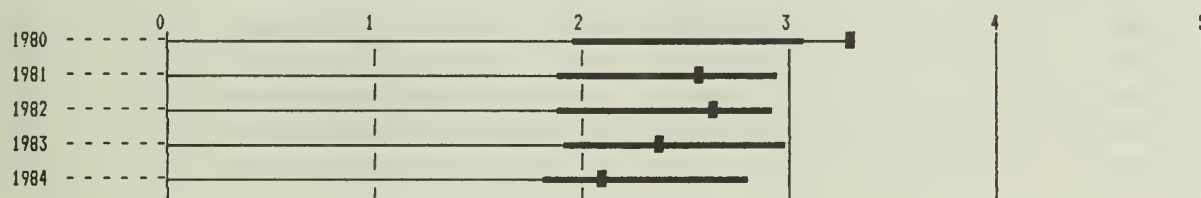


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

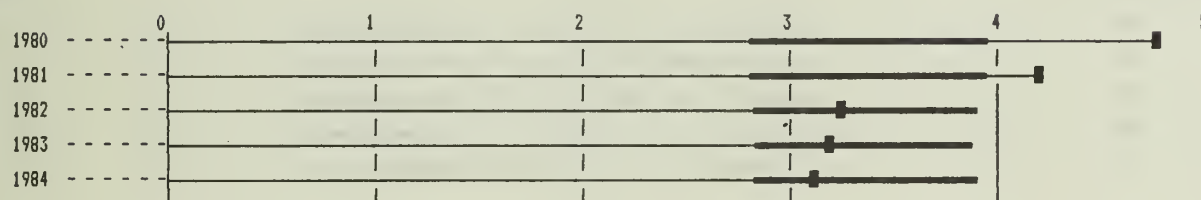
GEORGIA



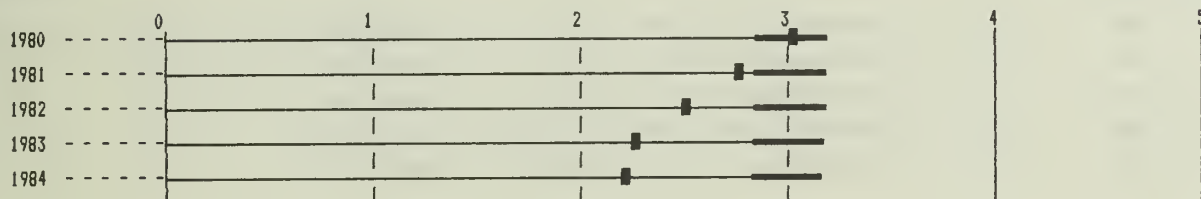
HAWAII



IDAHO



ILLINOIS



INDIANA

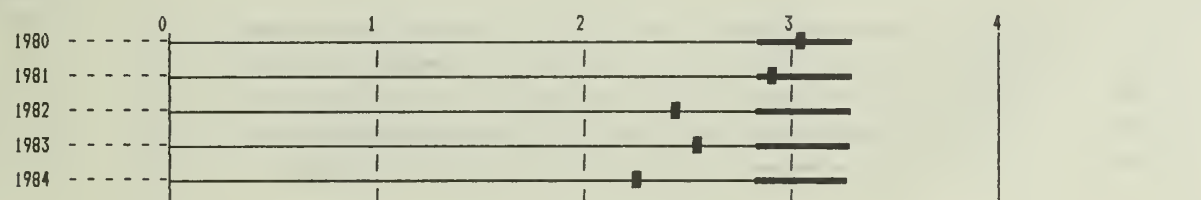
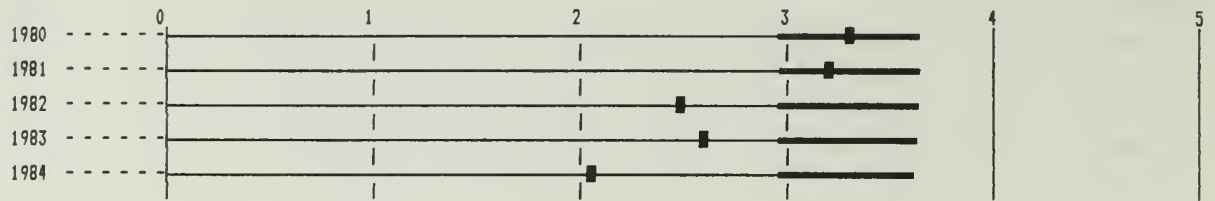
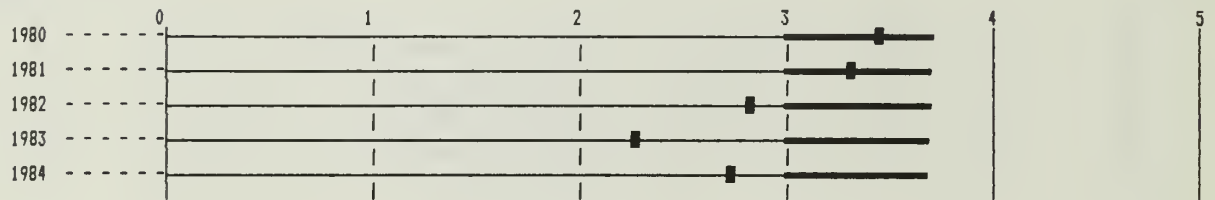


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

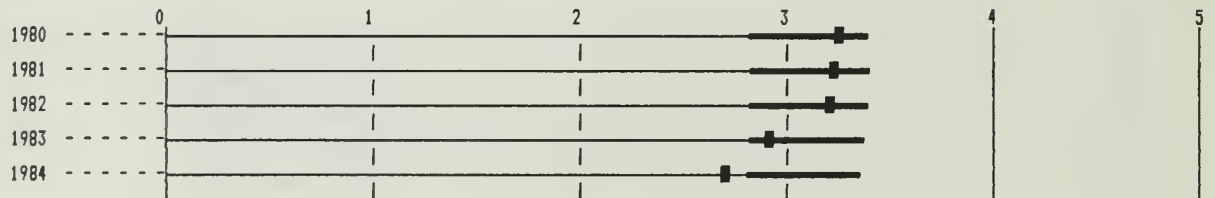
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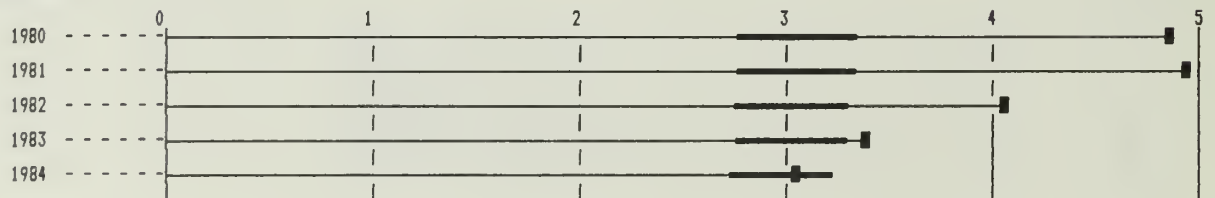
KANSAS



KENTUCKY



LOUISIANA



MAINE

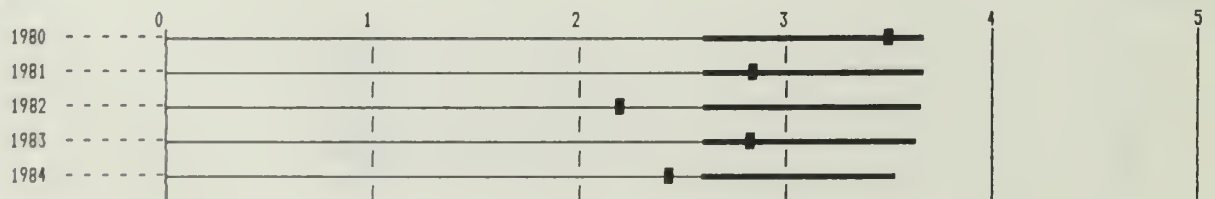
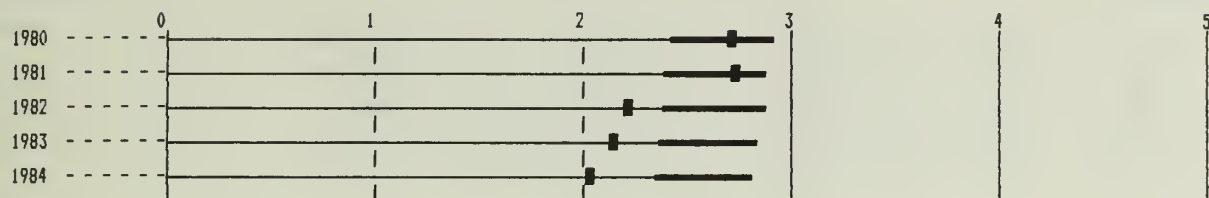
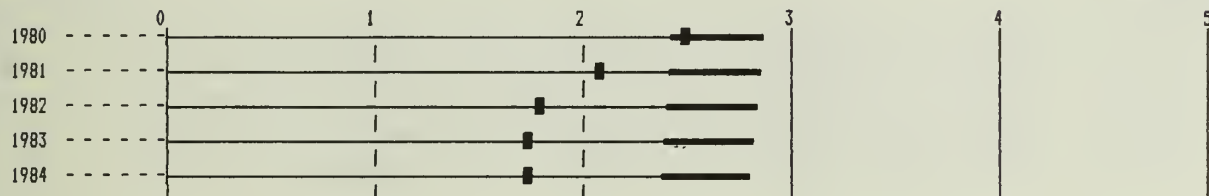


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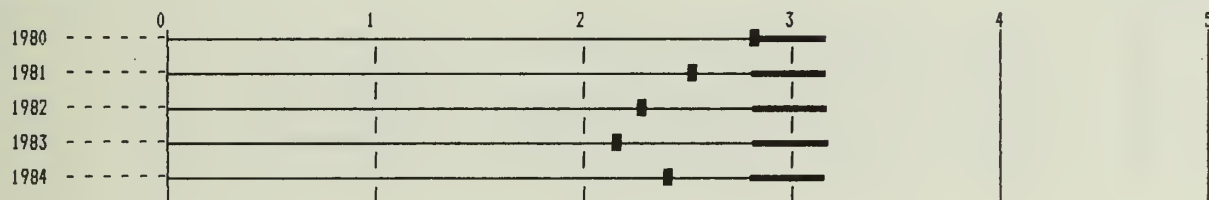
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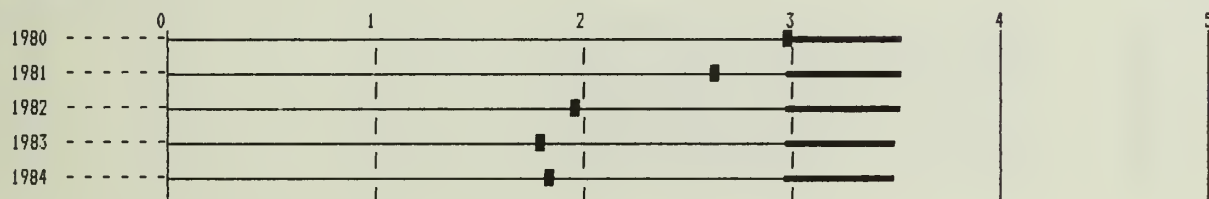
MASSACHUSETTS



MICHIGAN



MINNESOTA



MISSISSIPPI

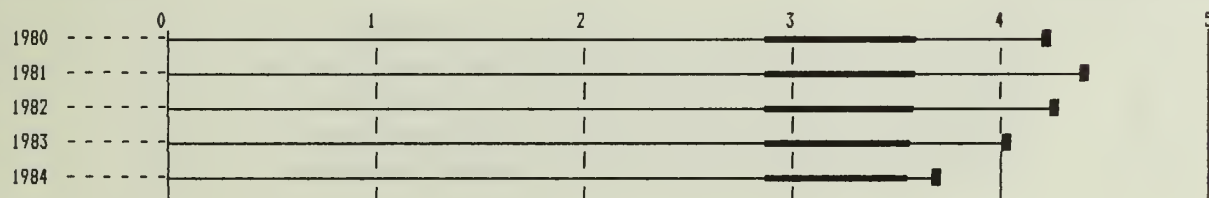
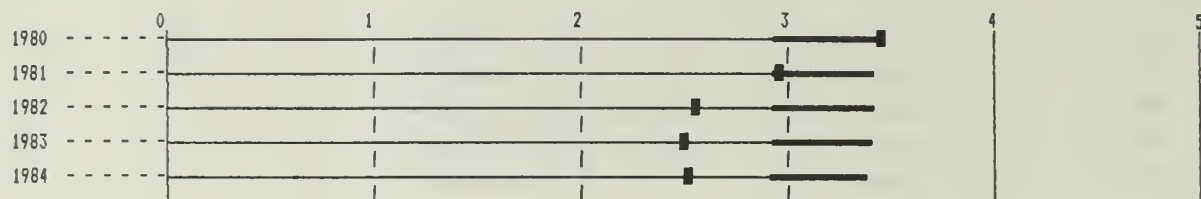
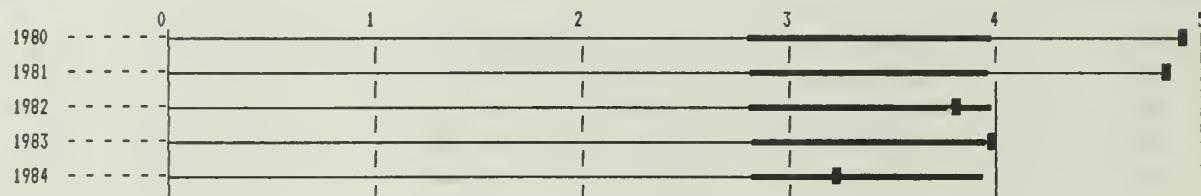


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

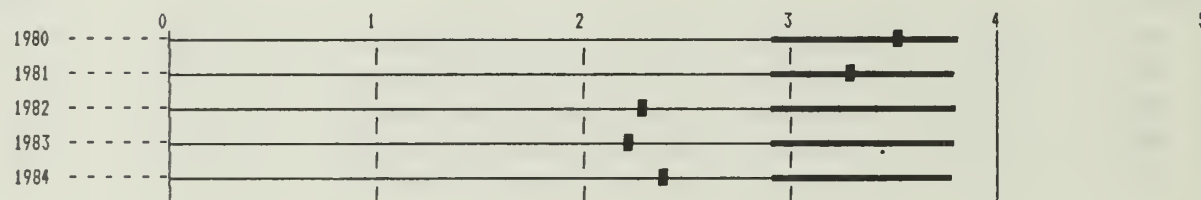
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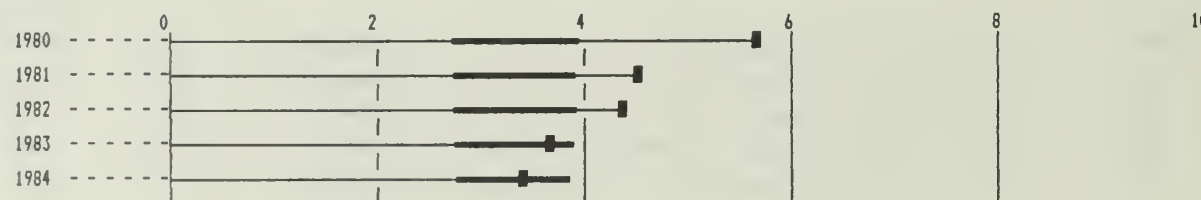
MONTANA



NEBRASKA



NEVADA



NEW HAMPSHIRE

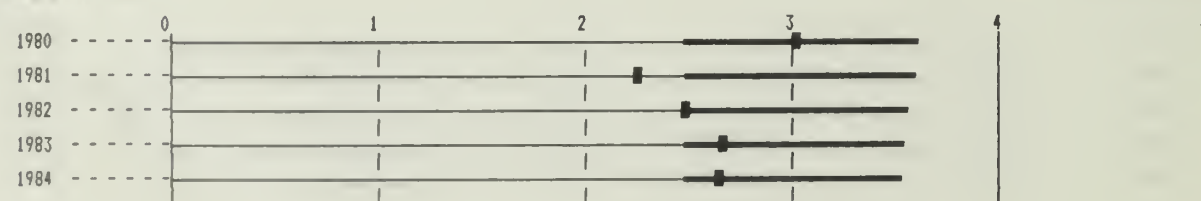
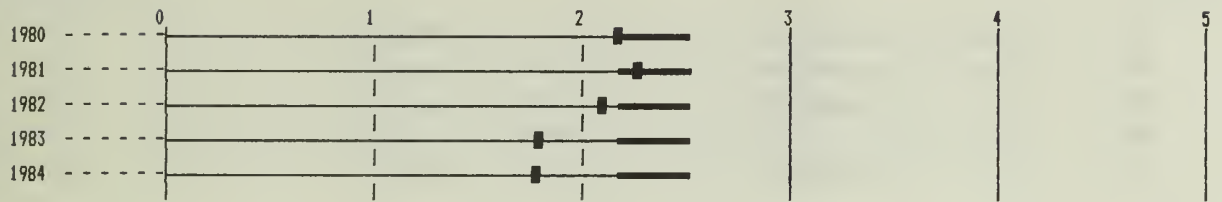


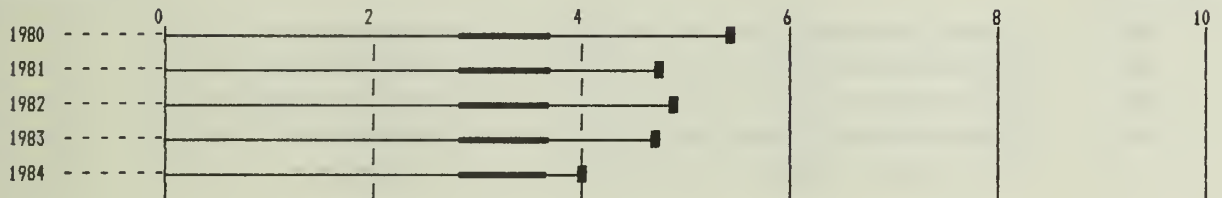


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

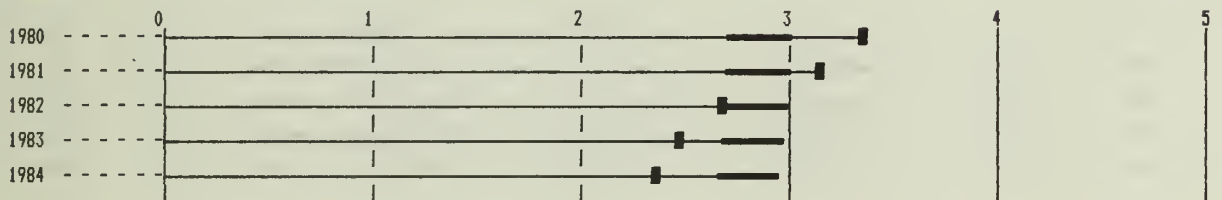
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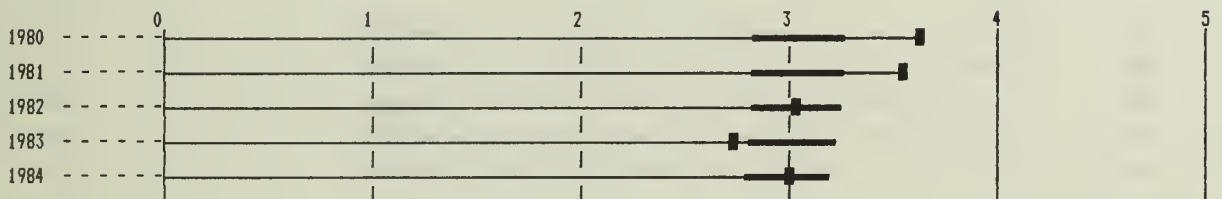
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NEW YORK



NORTH CAROLINA



NORTH DAKOTA

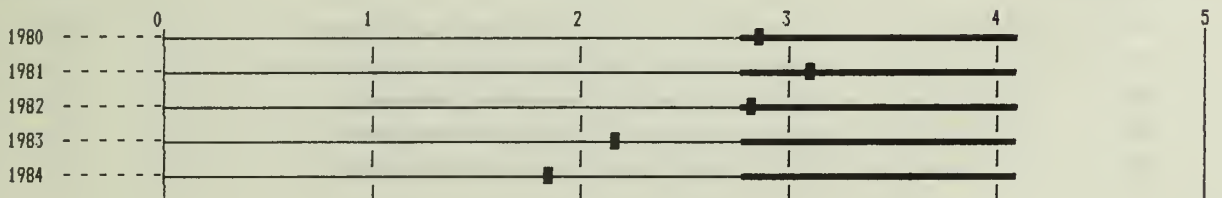
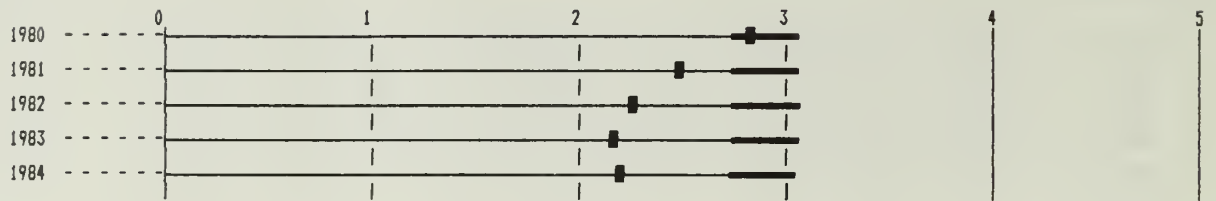
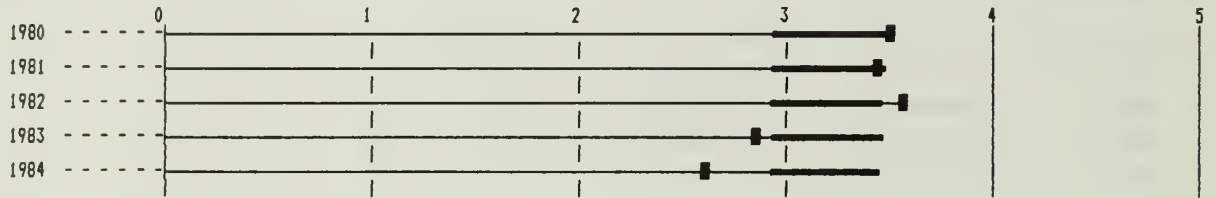


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

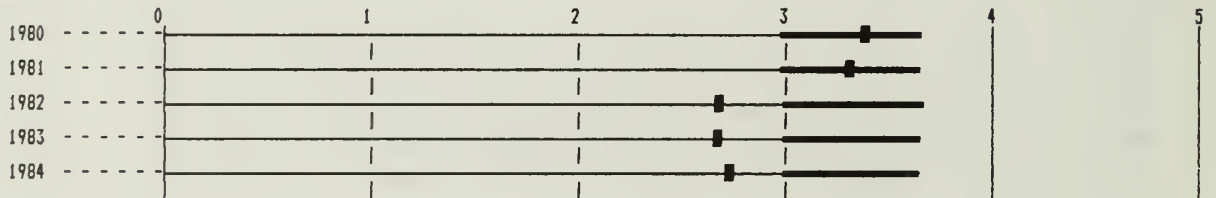
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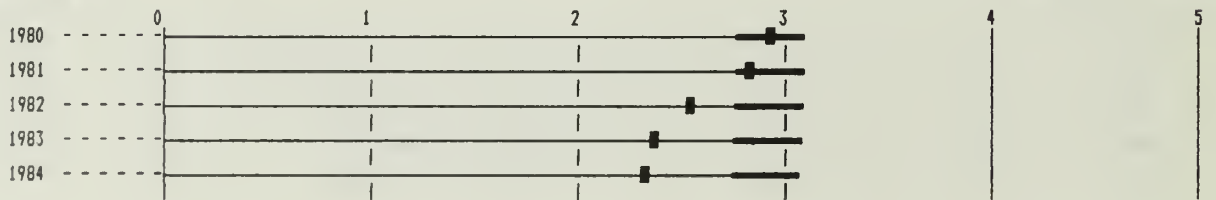
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OREGON



PENNSYLVANIA



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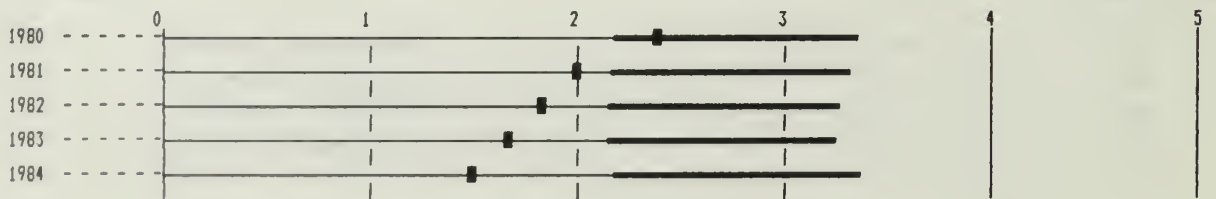
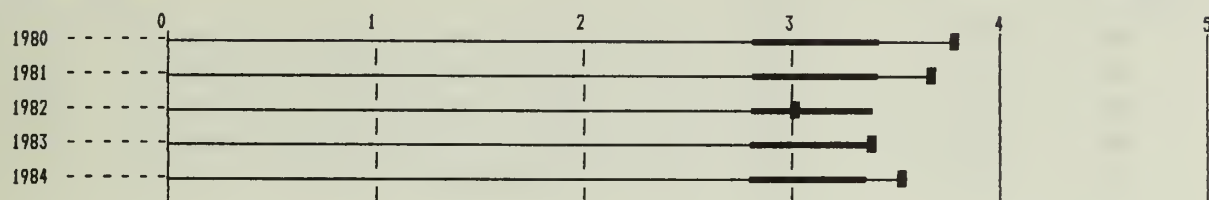
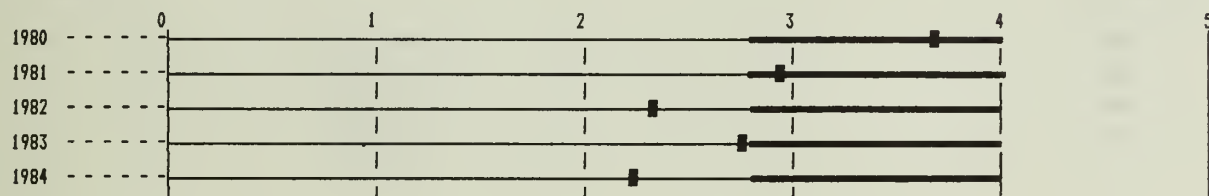


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

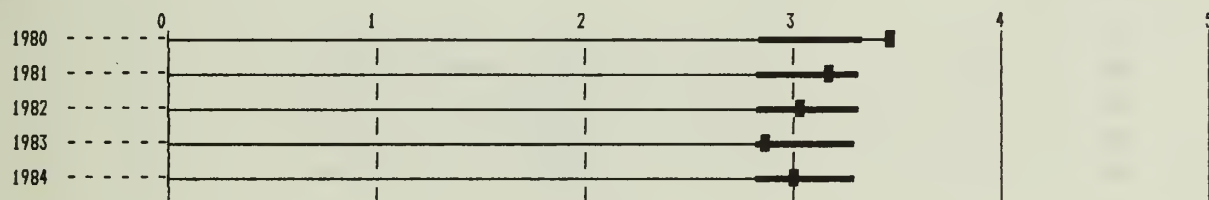
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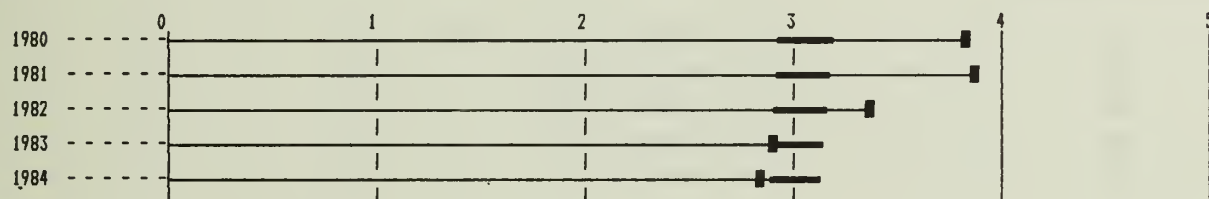
SOUTH DAKOTA



TENNESSEE



TEXAS



UTAH

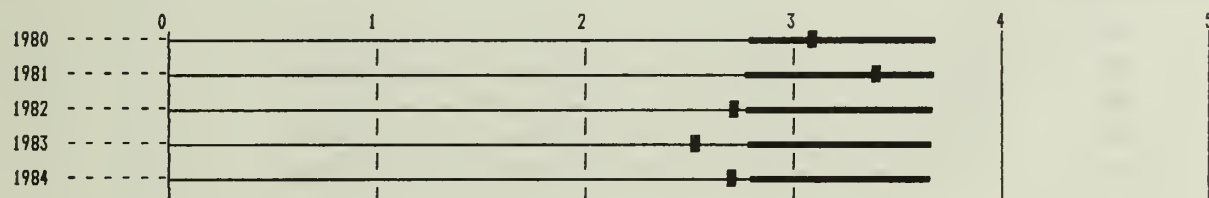
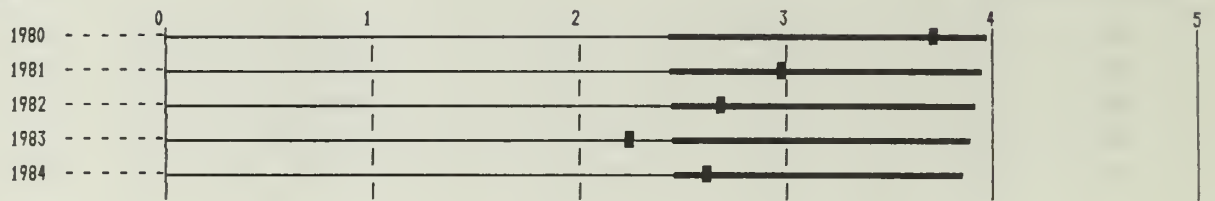
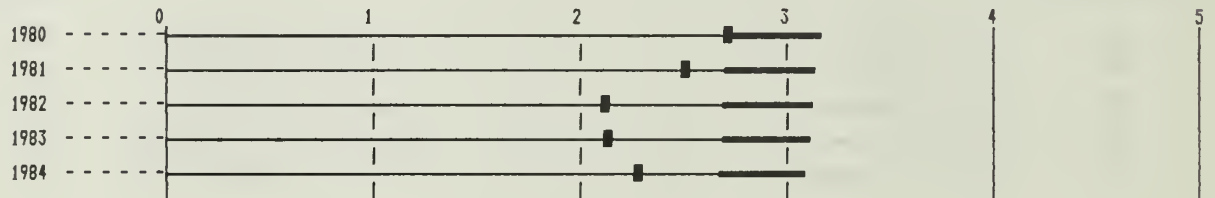


Figure 8 (continued) STATE FATALITY RATES (1980-1984)

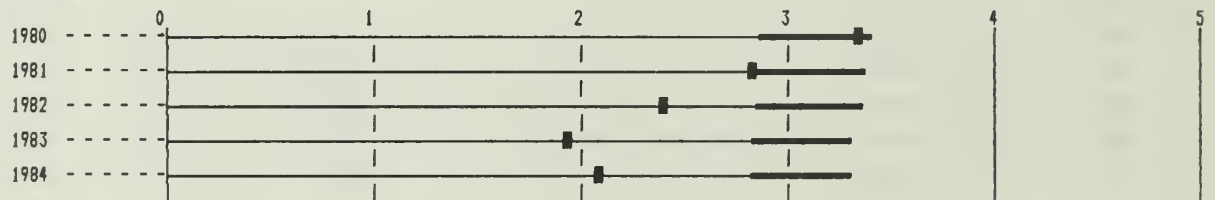
VERMONT



VIRGINIA



WASHINGTON



WEST VIRGINIA



WISCONSIN

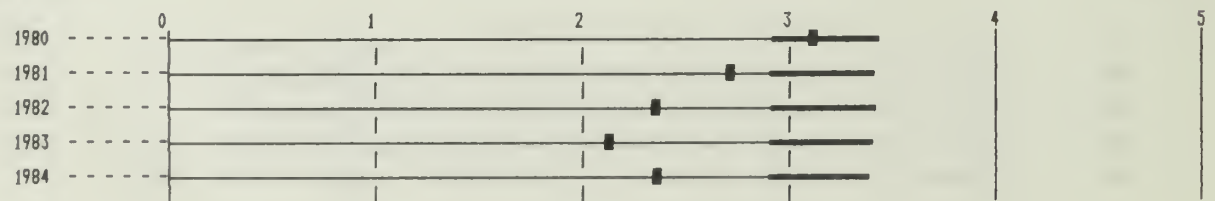




Figure 8 (continued) STATE FATALITY RATES (1980-1984)

WYOMING



LEGEND:

Reported fatality rate



Provisional range

## SECTION VII--SUMMARY

The data presented in this report are intended for use in the evaluation of the highway safety performance of the States. The data were submitted by the States through the Highway Performance Monitoring System operated by the Federal Highway Administration.

A few States were unable to submit the data requested in time for inclusion in this compilation. These States are Maryland, Massachusetts, New Mexico, North Carolina and Rhode Island.

Analysis of the travel and accident data which have been presented is beyond the scope of this report.

## REFERENCES

### Rate-Density Relationships:

Chatfield, Benjamin V., "Fatal Accidents and Travel Density," Highway Research Record 469, pp. 40-51, 1973.

Smith, R.N., "Predictive Parameters for Accident Rates," California Division of Highways, Analytical Studies Branch, 1973.

National Highway Traffic Safety Administration, "Highway Safety Needs Study - 1981 Update of 1976 Report to Congress," October 1981, DOT-HS-806 283, pp. 72-73.

Fee, Julie Anna, et al., "Interstate System Accident Research Study 1," Federal Highway Administration, U.S. Department of Transportation, October 1970, pp. I-14, 15, 42.

### Provisional Rates:

Morin, D.A., "Application of Statistical Concepts to Accident Data," Highway Research Record 188, 1967, pp. 72-79.























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